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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:02:46 ; Search time 16 Seconds
(without alignments)
21.155 Million cell updates/sec

Title: US-09-461-061a-1
Perfect score: 45
Sequence: 1 NNATEVFK 8

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2.6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgn2.6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2.6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgn2.6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2.6/ptodata/1/iaa/PTUS_COMB.pep.*
6: /cgn2.6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	45	100.0	117	US-08-193-114B-1	Sequence 1, Appl
2	45	100.0	117	PCI-US92-06809-1	Sequence 1, Appl
3	39	86.7	26	US-08-676-242-15	Sequence 15, Appl
4	34	75.6	602	US-09-149-727-2	Sequence 2, Appl
5	34	75.6	607	US-09-149-727-8	Sequence 8, Appl
6	34	75.6	618	US-09-149-727-4	Sequence 4, Appl
7	31	68.9	193	US-08-483-140-30	Sequence 30, Appl
8	31	68.9	193	US-08-485-938A-36	Sequence 36, Appl
9	31	68.9	441	US-08-470-187-8	Sequence 8, Appl
10	31	68.9	441	US-08-318-905-8	Sequence 8, Appl
11	31	68.9	441	US-08-483-232-8	Sequence 8, Appl
12	31	68.9	441	US-08-483-140-8	Sequence 8, Appl
13	31	68.9	441	US-08-485-938A-8	Sequence 8, Appl
14	31	68.9	441	US-08-910-041-8	Sequence 8, Appl
15	31	68.9	441	US-09-328-474-8	Sequence 8, Appl
16	31	68.9	441	US-09-100-546-8	Sequence 8, Appl
17	31	68.9	441	US-09-010-715-8	Sequence 8, Appl
18	31	68.9	441	US-09-577-758-8	Sequence 8, Appl
19	31	68.9	444	US-08-483-140-28	Sequence 28, Appl
20	31	68.9	444	US-08-485-938A-32	Sequence 32, Appl
21	31	68.9	850	US-09-328-352-7660	Sequence 7660, Ap
22	31	68.9	902	US-08-701-846-2	Sequence 2, Appl
23	31	68.9	2710	US-08-480-604A-6	Sequence 6, Appl
24	31	68.9	2710	US-08-405-496A-6	Sequence 6, Appl
25	31	68.9	2710	US-08-915-136-6	Sequence 6, Appl
26	31	68.9	2710	US-08-957-310-6	Sequence 6, Appl
27	31	68.9	2710	US-10-011-366-6	Sequence 6, Appl

28	30	66.7	84	4	US-09-227-357-597	Sequence 597, App
29	30	66.7	238	4	US-09-328-352-5904	Sequence 5904, Ap
30	30	66.7	475	4	US-09-252-991A-20366	Sequence 20366, A
31	30	66.7	482	4	US-09-107-532A-6644	Sequence 6644, Ap
32	30	66.7	572	6	5200183-5	Patent No. 5200183
33	30	66.7	602	3	US-08-446-100-1	Sequence 1, Appl
34	30	66.7	602	3	US-08-446-100-2	Sequence 2, Appl
35	30	66.7	602	3	US-08-446-100-3	Sequence 3, Appl
36	30	66.7	602	3	US-08-446-100-4	Sequence 4, Appl
37	30	66.7	602	3	US-08-446-100-5	Sequence 5, Appl
38	30	66.7	602	3	US-08-446-100-6	Sequence 6, Appl
39	30	66.7	602	3	US-08-446-100-7	Sequence 7, Appl
40	30	66.7	602	3	US-08-446-100-8	Sequence 8, Appl
41	30	66.7	602	3	US-08-446-100-9	Sequence 9, Appl
42	30	66.7	602	3	US-08-446-100-10	Sequence 10, Appl
43	30	66.7	602	3	US-08-446-100-11	Sequence 11, Appl
44	30	66.7	602	3	US-08-446-100-12	Sequence 12, Appl
45	30	66.7	602	3	US-08-446-100-13	Sequence 13, Appl

ALIGNMENTS

RESULT 1
US-08-193-114B-1
; Sequence 1, Application US/08193114B
; Patent No. 5472945
; GENERAL INFORMATION:
; APPLICANT: Schmaier, Alvin H.
; TITLE OF INVENTION: Modulation of Blood
; TITLE OF INVENTION: Pressure and Inhibition of Platelet Activation
; TITLE OF INVENTION: with Kininogen Fragment
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seidel, Gonda, Lavorigna &
; STREET: 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,114B
; FILING DATE: 9 February 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Application
; APPLICATION NUMBER: Serial No. 5472945 07/744,545
; FILING DATE: 13 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-137 CII
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5472945e
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: peptide
; TOPOLOGY: linear
; US-08-193-114B-1

Query Match 100.0%; Score 45; DB 1; Length 117;
Best Local Similarity 100.0%; Pred. No. 0.23;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNATFEFK 8
|||||||
Db 30 NNATFEFK 37

RESULT 2

PCT-US92-06809-1
; Sequence 1, Application PC/TUS9206809
; GENERAL INFORMATION:
; APPLICANT: Schmaier, Alvin H.
; APPLICANT: Jiang, Yongping
; TITLE OF INVENTION: Modulation of Blood
; TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of the
; ADDRESSEE: Commonwealth System of Higher Education
; STREET: 406 University Services
; STREET: Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: Serial No. 744,545
FILING DATE: 13 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 6056-137
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 117 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear

PCT-US92-06809-1

Query Match 100.0%; Score 45; DB 5; Length 117;
Best Local Similarity 100.0%; Pred. No. 0.23; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0;

QY 1 NNATFEFK 8
|||||||
Db 30 NNATFEFK 37

RESULT 3

US-08-676-242-15
; Sequence 15, Application US/08676242C
; Patent No. 6143719
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of Michigan
; APPLICANT: Schmaier, Alvin H.
; APPLICANT: Hasan, Ahmed A.K.
; TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
; FILE REFERENCE: 8820-2 US
; CURRENT APPLICATION NUMBER: US/08/676.242C
; CURRENT FILING DATE: 2000-07-16

; EARLIER APPLICATION NUMBER: 60/000.096
; EARLIER FILING DATE: 1995-06-09
; EARLIER APPLICATION NUMBER: PCT/US96/09940
; EARLIER FILING DATE: 1996-06-07
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Bradykinin
; OTHER INFORMATION: analog
US-08-676-242-15

Query Match 86.7%; Score 39; DB 3; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.64;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFEFK 8
|||||||
Db 1 NATFEFK 7

RESULT 4

US-09-149-727-2
; Sequence 2, Application US/09149727
; Patent No. 6391547
; GENERAL INFORMATION:
; APPLICANT: Jefferson, Richard A.
; APPLICANT: Kilian, Andrzej
; APPLICANT: Keese, Paul Konrad
; TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
; FILE REFERENCE: 190106.405
; CURRENT APPLICATION NUMBER: US/09/149,727
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: US 60/058,263
; EARLIER FILING DATE: 1997-09-09
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 602
; TYPE: PRT
; ORGANISM: Bacillus sp.
US-09-149-727-2

Query Match 75.6%; Score 34; DB 4; Length 602;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 NNATFEFK 8
|||||||
Db 288 NNKPFYFK 295

RESULT 5

US-09-149-727-8
; Sequence 8, Application US/09149727
; Patent No. 6391547
; GENERAL INFORMATION:
; APPLICANT: Jefferson, Richard A.
; APPLICANT: Kilian, Andrzej
; APPLICANT: Keese, Paul Konrad
; TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
; FILE REFERENCE: 190106.405
; CURRENT APPLICATION NUMBER: US/09/149,727
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: US 60/058,263
; EARLIER FILING DATE: 1997-09-09
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 8
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Bacillus sp.
US-09-149-727-8

Query Match 75.6%; Score 34; DB 4; Length 607;
Best Local Similarity 75.0%; Pred. NO. 1.2e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 NNATFYFK 8
|| |||||
Db 293 NNPFFYFK 300

RESULT 6

US-09-149-727-4
; Sequence 4, Application US/09149727

; Patent No. 6391547

; GENERAL INFORMATION:

; APPLICANT: Jefferson, Richard A.

; APPLICANT: Kilian, Andrzej

; APPLICANT: Keese, Paul Konrad

; TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND

; FILE REFERENCE: 190106.405

; CURRENT APPLICATION NUMBER: US/09/149,727

; CURRENT FILING DATE: 1998-09-08

; EARLIER APPLICATION NUMBER: US 60/058,263

; EARLIER FILING DATE: 1997-09-09

; NUMBER OF SEQ ID NOS: 71

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 4

; LENGTH: 618

; TYPE: PRT

; ORGANISM: Bacillus sp.

US-09-149-727-4

Query Match 75.6%; Score 34; DB 4; Length 618;

Best Local Similarity 75.0%; Pred. NO. 1.2e+02;

Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 NNATFYFK 8
|| |||||
Db 304 NNPFFYFK 311

RESULT 7

US-08-483-140-30

; Sequence 30, Application US/08483140

; Patent No. 5698403

; GENERAL INFORMATION:

; APPLICANT: ICOS Corporation

; TITLE OF INVENTION: Platelet-Activating Factor Acetyl

; TITLE OF INVENTION: Hydrolase

; NUMBER OF SEQUENCES: 30

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: USA

; ZIP: 60606

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/483,140

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/318,905

; FILING DATE: 6-OCT-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/133,803

; FILING DATE: 6-OCT-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: No. 5698403and, Greta E.

; REGISTRATION NUMBER: 35,302

; REFERENCE/DOCKET NUMBER: 32781

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (312) 474-6300

; TELEFAX: (312) 474-0448

; TELEX: 25-3658

; INFORMATION FOR SEQ ID NO: 30:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 193 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-483-140-30

Query Match 68.9%; Score 31; DB 1; Length 193;

Best Local Similarity 71.4%; Pred. NO. 1.3e+02;

Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8

:||:||||

Db 143 SATYFK 149

RESULT 8

US-08-485-938A-36

; Sequence 36, Application US/08485938A

; Patent No. 5847088

; GENERAL INFORMATION:

; APPLICANT: Cousens, Lawrence S.

; APPLICANT: Eberhardt, Christine D.

; APPLICANT: Gray, Patrick W.

; APPLICANT: Le Trong, Hai

; APPLICANT: Tjoelker, Larry W.

; APPLICANT: Wilder, Cheryl L.

; TITLE OF INVENTION: Platelet-Activating Factor

; TITLE OF INVENTION: Acetylhydrolase

; NUMBER OF SEQUENCES: 36

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/485,938A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/318,905

; FILING DATE: 06-OCT-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/133,803

; FILING DATE: 06-OCT-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: No. 5847088and, Greta E.

; REGISTRATION NUMBER: 35,302

; REFERENCE/DOCKET NUMBER: 27866/32792

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (312) 474-6300

; TELEFAX: (312) 474-0448

TELEX: 25-3658
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 193 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-485-938A-36

Query Match 68.9%; Score 31; DB 2; Length 193;
Best Local Similarity 71.4%; Pred. No. 1.3e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8
DB 143 SATYFYK 149

RESULT 9
US-08-470-187-8
; Sequence 8, Application US/08470187
; Patent No. 5532152
; GENERAL INFORMATION:
; APPLICANT: Cousins, Lawrence S.
; APPLICANT: Eberhardt, Christine E.
; APPLICANT: Gray, Patrick W.
; APPLICANT: Tjoelker, Larry W.
; APPLICANT: Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor Acetyl
; TITLE OF INVENTION: Hydrolase
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gertein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470.187
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5532152and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 31672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3658
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 441 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-470-187-8

Query Match 68.9%; Score 31; DB 1; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8
DB 185 SATYFYK 191

RESULT 10
US-08-318-905-8
; Sequence 8, Application US/08318905
; Patent No. 5641669
; GENERAL INFORMATION:
; APPLICANT: Cousins, Lawrence S.
; APPLICANT: Eberhardt, Christine D.
; APPLICANT: Gray, Patrick W.
; APPLICANT: Le Trong, Hai
; APPLICANT: Tjoelker, Larry W.
; APPLICANT: Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor Acetyl
; TITLE OF INVENTION: Hydrolase
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gertein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/318.905
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/133.803
; FILING DATE: 6-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5641669and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3658
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 441 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-318-905-8

Query Match 68.9%; Score 31; DB 1; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8
DB 185 SATYFYK 191

RESULT 11
US-08-483-232-8
; Sequence 8, Application US/08483232
; Patent No. 5656431
; GENERAL INFORMATION:
; APPLICANT: Cousins, Lawrence S.
; APPLICANT: Eberhardt, Christine D.
; APPLICANT: Gray, Patrick W.
; APPLICANT: Le Trong, Hai
; APPLICANT: Tjoelker, Larry W.
; APPLICANT: Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor
; TITLE OF INVENTION: Acetylhydrolase

NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,232
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 565643land, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32689
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 441 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-483-232-8

Query Match 68.9%; Score 31; DB 1; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATYFK 8
Db 185 SATYFK 191

RESULT 12
US-08-483-140-8
Sequence 8, Application US/08483140
Patent No. 5698403
GENERAL INFORMATION:
APPLICANT: ICOS Corporation
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,140
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 6-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5698403and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32781
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 441 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-483-140-8

Query Match 68.9%; Score 31; DB 1; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATYFK 8
Db 185 SATYFK 191

RESULT 13
US-08-485-938A-8
Sequence 8, Application US/08485938A
Patent No. 5847088
GENERAL INFORMATION:
APPLICANT: Cousens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray, Patrick W.
APPLICANT: Le Trong, Hai
APPLICANT: Tjoelker, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,938A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5847088and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32792
TELEPHONE: (312) 474-6300

; TELEFAX: (312) 474-0448
; TELEX: 25-3658
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 441 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-485-938A-8

Query Match 68.9%; Score 31; DB 2; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 NATYFK 8
Db 185 SATYFK 191

RESULT 14

US-08-910-041-8
; Sequence 8, Application US/08910041
; Patent No. 5977308
; GENERAL INFORMATION:
; APPLICANT: Cousens, Lawrence S.
; APPLICANT: Eberhardt, Christine D.
; APPLICANT: Gray, Patrick W.
; APPLICANT: Le Trong, Hai
; APPLICANT: Tjoelker, Larry W.
; APPLICANT: Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor
; TITLE OF INVENTION: Acetylhydrolase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,041
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/483,232
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/318,905
; FILING DATE: 06-OCT-1994
; APPLICATION NUMBER: US 08/133,803
; FILING DATE: 06-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Rin-Laures, Li-Hsien
; REGISTRATION NUMBER: 33,547
; REFERENCE/DOCKET NUMBER: 27866/34026
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3658
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 441 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-910-041-8

Query Match 68.9%; Score 31; DB 2; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 NATYFK 8
Db 185 SATYFK 191

RESULT 15

US-09-328-474-8
; Sequence 8, Application US/09328474
; Patent No. 6045794
; GENERAL INFORMATION:
; APPLICANT: Cousens, Lawrence S.
; APPLICANT: Eberhardt, Christine D.
; APPLICANT: Gray, Patrick W.
; APPLICANT: Le Trong, Hai
; APPLICANT: Tjoelker, Larry W.
; APPLICANT: Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor
; TITLE OF INVENTION: Acetylhydrolase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/328,474
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/483,232
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/318,905
; FILING DATE: 06-OCT-1994
; APPLICATION NUMBER: US 08/133,803
; FILING DATE: 06-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Rin-Laures, Li-Hsien
; REGISTRATION NUMBER: 33,547
; REFERENCE/DOCKET NUMBER: 27866/34026
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3658
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 441 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-328-474-8

Query Match 68.9%; Score 31; DB 3; Length 441;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 NATYFK 8
Db 185 SATYFK 191

Search completed: September 25, 2003, 12:05:40
Job time : 17 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:04:46 : Search time 62 Seconds
(without alignments)
19.523 Million cell updates/sec

Title: US-09-461-061a-1
Perfect score: 45
Sequence: 1 NNATFYFK 8

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 566894 seqs, 151307093 residues

Total number of hits satisfying chosen parameters: 566894

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
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14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	45	100.0	427	11	US-09-919-039-29
2	34	75.6	42	15	US-10-106-698-5152
3	34	75.6	61	10	US-09-764-847-566
4	34	75.6	61	15	US-10-092-154-566
5	34	75.6	541	12	US-10-238-075-319
6	34	75.6	602	12	US-10-120-145-2
7	34	75.6	607	12	US-10-120-145-8
8	34	75.6	618	12	US-10-120-145-4
9	33	73.3	482	15	US-10-156-761-12015
10	32	71.1	1659	10	US-09-801-368-118
11	31	68.9	178	11	US-09-768-235B-6
12	31	68.9	224	9	US-09-815-242-13997
13	31	68.9	441	9	US-09-729-402-8
14	31	68.9	441	12	US-10-161-127-1
15	31	68.9	441	15	US-10-003-978A-8

16	31	68.9	1114	9	US-09-740-046-10	Sequence 10, Appl
17	31	68.9	2710	15	US-10-011-366-6	Sequence 6, Appl1
18	30	66.7	82	11	US-09-510-332-158	Sequence 158, App
19	30	66.7	84	11	US-09-983-802-597	Sequence 597, App
20	30	66.7	108	11	US-09-764-872-355	Sequence 355, App
21	30	66.7	127	9	US-09-764-853-756	Sequence 756, App
22	30	66.7	127	15	US-10-091-438-209	Sequence 209, App
23	30	66.7	183	9	US-09-864-761-35808	Sequence 35808, App
24	30	66.7	307	9	US-09-825-882-18	Sequence 18, Appl
25	30	66.7	307	12	US-10-017-161-1786	Sequence 1786, Ap
26	30	66.7	308	11	US-09-510-332-99	Sequence 99, Appl
27	30	66.7	308	11	US-09-510-332-155	Sequence 155, App
28	30	66.7	308	12	US-09-882-227-240	Sequence 240, App
29	30	66.7	351	10	US-09-780-053-5	Sequence 5, Appl1
30	30	66.7	452	10	US-09-801-368-336	Sequence 336, App
31	30	66.7	455	15	US-10-127-032-154	Sequence 154, App
32	30	66.7	545	10	US-09-738-626-5134	Sequence 5134, Ap
33	30	66.7	574	10	US-09-748-739A-4	Sequence 4, Appl1
34	30	66.7	574	10	US-09-748-739A-6	Sequence 6, Appl1
35	30	66.7	574	10	US-09-748-739A-8	Sequence 8, Appl1
36	30	66.7	574	10	US-09-748-739A-17	Sequence 17, Appl
37	30	66.7	574	10	US-09-748-739A-18	Sequence 18, Appl
38	30	66.7	574	10	US-09-748-739A-19	Sequence 19, Appl
39	30	66.7	574	10	US-09-748-739A-20	Sequence 20, Appl
40	30	66.7	574	10	US-09-748-739A-22	Sequence 22, Appl
41	30	66.7	574	11	US-09-997-209-89	Sequence 89, Appl
42	30	66.7	574	12	US-10-032-233-2	Sequence 2, Appl1
43	30	66.7	574	12	US-10-032-233-4	Sequence 4, Appl1
44	30	66.7	574	12	US-10-032-233-6	Sequence 6, Appl1
45	30	66.7	574	12	US-10-032-233-8	Sequence 8, Appl1

ALIGNMENTS

RESULT 1
US-09-919-039-29
; Sequence 29, Application US/09919039
; Publication No. US20030108871A1
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 29
; LENGTH: 427
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29

Query Match 100.0%; Score 45; DB 11; Length 427;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNATFYFK 8
Db 293 NNATFYFK 300

RESULT 2
US-10-106-698-5152
; Sequence 5152, Application US/10106698
; Publication No. US20030109690A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.

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; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
; FILE REFERENCE: PA005P1
; CURRENT APPLICATION NUMBER: US/10/106,698
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US00/26524
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/157,137
; PRIOR FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: US 60/163,280
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 8564
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 5152
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISC_FEATURE
; LOCATION: (42)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-106-698-5152

Query Match 75.6%; Score 34; DB 15; Length 42;
Best Local Similarity 85.7%; Pred. No. 13;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NNATFF 7
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Db 22 NRATFF 28

RESULT 3
US-09-764-847-566
; Sequence 566, Application US/09764847
; Patent No. US20020132767A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009
; CURRENT APPLICATION NUMBER: US/09/764,847
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2003
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 566
; LENGTH: 61
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-847-566

Query Match 75.6%; Score 34; DB 10; Length 61;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 NATFF 7
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Db 38 NATFF 43

RESULT 4
US-10-092-154-566
; Sequence 566, Application US/10092154
; Publication No. US20030054375A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009C1
; CURRENT APPLICATION NUMBER: US/10/092,154
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2003
; Prior Application removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 566
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; LENGTH: 61
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-092-154-566

Query Match 75.6%; Score 34; DB 15; Length 61;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 NATFF 7
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Db 38 NATFF 43

RESULT 5
US-10-238-075-319
; Sequence 319, Application US/10238075
; Publication No. US20030148324A1
; GENERAL INFORMATION:
; APPLICANT: I.N.S.E.R.M.
; TITLE OF INVENTION: Polynucleotides which are of nature B2/D+ A- and which are iso
; FILE REFERENCE: BLANDINE
; CURRENT APPLICATION NUMBER: US/10/238,075
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 0003145
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 1576
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 319
; LENGTH: 541
; TYPE: PRT
; ORGANISM: Escherichia coli
US-10-238-075-319

Query Match 75.6%; Score 34; DB 12; Length 541;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NNATFF 7
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Db 72 NKATFF 78

RESULT 6
US-10-120-145-2
; Sequence 2, Application US/10120145
; Publication No. US20030157684A1
; GENERAL INFORMATION:
; APPLICANT: Jefferson, Richard A.
; APPLICANT: Killian, Andrzej
; APPLICANT: Keese, Paul Konrad
; TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
; FILE REFERENCE: 190106.405
; CURRENT APPLICATION NUMBER: US/10/120,145
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/149,727
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/058,263
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 602
; TYPE: PRT
; ORGANISM: Bacillus sp.
US-10-120-145-2

Query Match 75.6%; Score 34; DB 12; Length 602;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1 NNATFYFK 8
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Db 288 NNKPFYFK 295

RESULT 7
US-10-120-145-8
; Sequence 8, Application US/10120145
; Publication No. US20030157684A1
; GENERAL INFORMATION:
; APPLICANT: Jefferson, Richard A.
; APPLICANT: Killian, Andrzej
; APPLICANT: Keese, Paul Konrad
; TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
; FILE OF INVENTION: US8 THEREOF
; FILE REFERENCE: 190106.405
; CURRENT APPLICATION NUMBER: US/10/120,145
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/149,727
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/058,263
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Bacillus sp.
US-10-120-145-8

Query Match 75.6%; Score 34; DB 12; Length 607;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 NNATFYFK 8
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Db 293 NNKPFYFK 300

RESULT 8
US-10-120-145-4
; Sequence 4, Application US/10120145
; Publication No. US20030157684A1
; GENERAL INFORMATION:
; APPLICANT: Jefferson, Richard A.
; APPLICANT: Killian, Andrzej
; APPLICANT: Keese, Paul Konrad
; TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
; FILE OF INVENTION: US8 THEREOF
; FILE REFERENCE: 190106.405
; CURRENT APPLICATION NUMBER: US/10/120,145
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/149,727
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/058,263
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 618
; TYPE: PRT
; ORGANISM: Bacillus sp.
US-10-120-145-4

Query Match 75.6%; Score 34; DB 12; Length 618;
Best Local Similarity 75.0%; Pred. No. 2e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 NNATFYFK 8
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Db 304 NNKPFYFK 311

RESULT 9
US-10-156-761-12015
; Sequence 12015, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 12015
; LENGTH: 482
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-12015

Query Match 73.3%; Score 33; DB 15; Length 482;
Best Local Similarity 62.5%; Pred. No. 2.3e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NNATFYFK 8
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Db 93 NNRTYFYE 100

RESULT 10
US-09-801-368-118
; Sequence 118, Application US/09801368
; Patent No. US20020128250A1
; GENERAL INFORMATION:
; APPLICANT: Busby, Robert
; APPLICANT: Cali, Brian
; APPLICANT: Hecht, Peter
; APPLICANT: Holtzman, Doug
; APPLICANT: Madden, Kevin
; APPLICANT: Maxon, Mary
; APPLICANT: Milne, Todd
; APPLICANT: No. US20020128250A1man, Thea
; APPLICANT: Royer, John
; APPLICANT: Salama, Sofie
; APPLICANT: Sherman, Amir
; APPLICANT: Silva, Jeff
; APPLICANT: Summers, Eric
; TITLE OF INVENTION: Methods for Improving Secondary Metabolite Production in Fungi
; FILE REFERENCE: 109272.147
; CURRENT APPLICATION NUMBER: US/09/801,368
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 09/487,558
; PRIOR FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: US 60/160,587
; PRIOR FILING DATE: 1999-10-20
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 118
; LENGTH: 1659
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-801-368-118

Query Match 71.1%; Score 32; DB 10; Length 1659;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy      1  NNATFYFK 8
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Db      335  NNATFVK 342

RESULT 11
US-09-768-235B-6
; Sequence 6, Application US/09768235B
; Publication No. US20030024003A1
; GENERAL INFORMATION:
; APPLICANT: Frank, Marcus
; APPLICANT: Reindl, Andreas
; APPLICANT: Schmidt, Ralf-Michael
; APPLICANT: Freund, Annette
; APPLICANT: Ehrhardt, Thomas
; APPLICANT: Bischoff, Friedrich
; APPLICANT: Renz, Andreas
; APPLICANT: Duwenig, Elke
; APPLICANT: Cirpus, Petra
; APPLICANT: Lerchl, Jens
; APPLICANT: Reski, Ralf
; TITLE OF INVENTION: Moss genes from Physcomitrella patens encoding proteins
; TITLE OF INVENTION: Involved in the regulation of cell division, growth and
; TITLE OF INVENTION: biomass formation in plants
; FILE REFERENCE: 0093/000009
; CURRENT APPLICATION NUMBER: US/09/768,235B
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: PCT/EP00/00675
; PRIOR FILING DATE: 2000-01-28
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 2.1/Wordperfect version 6.1
; SEQ ID NO 6
; LENGTH: 178
; TYPE: PRT
; ORGANISM: Physcomitrella patens
US-09-768-235B-6

Query Match      68.9%; Score 31; DB 11; Length 178;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      1  NNATFYF 7
      || | :||
Db      73  NNHTYF 79

RESULT 12
US-09-815-242-13997
; Sequence 13997, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23

; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13997
; LENGTH: 224
; TYPE: PRT
; ORGANISM: Salmonella typhi
US-09-815-242-13997

Query Match      68.9%; Score 31; DB 9; Length 224;
Best Local Similarity 71.4%; Pred. No. 2.5e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      1  NNATFYF 7
      || : |||
Db      28  NNSLFYF 34

RESULT 13
US-09-729-402-8
; Sequence 8, Application US/09729402
; Patent No. US20010021379A1
; GENERAL INFORMATION:
; APPLICANT: Cousens, Lawrence S.
; APPLICANT: Eberhardt, Christine D.
; APPLICANT: Gray, Patrick W.
; APPLICANT: Le Trong, Hai
; APPLICANT: Tjoelker, Larry W.
; APPLICANT: Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor
; TITLE OF INVENTION: Acetylhydrolase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/729,402
; FILING DATE: 04-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/318,905
; FILING DATE: 06-OCT-1994
; APPLICATION NUMBER: US 08/133,803
; FILING DATE: 06-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: No. US20010021379aland, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 27866/32793
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELE: 25-3658
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 441 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
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US-09-729-402-8

Query Match 68.9%; Score 31; DB 9; Length 441;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8
:|:|:|
Db 185 SATYFK 191

RESULT 14

US-10-161-127-1
; Sequence 1, Application US/10161127
; Publication No. US20030166225A1
; GENERAL INFORMATION:
; APPLICANT: Ryan, James W.
; TITLE OF INVENTION: ISOLATED GENOMIC POLYNUCLEOTIDE FRAGMENTS THAT ENCODE
; FILE REFERENCE: JR-16,001
; CURRENT APPLICATION NUMBER: US/10/161,127
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: US 60/294,404
; PRIOR FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 441
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-161-127-1

Query Match 68.9%; Score 31; DB 12; Length 441;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8
:|:|:|
Db 185 SATYFK 191

RESULT 15

US-10-003-978A-8
; Sequence 8, Application US/10003978A
; Publication No. US20030072747A1
; GENERAL INFORMATION:
; APPLICANT: Cousens, Lawrence S.
; Eberhardt, Christine D.
; Gray, Patrick W.
; Le Trong, Hai
; Tjoelker, Larry W.
; Wilder, Cheryl L.
; TITLE OF INVENTION: Platelet-Activating Factor
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, Gerstein & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6357
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/003,978A
; FILING DATE: 23-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/729,402

FILING DATE: 04-DEC-2000
APPLICATION NUMBER: US 09/577,758
FILING DATE: 23-MAY-2000
APPLICATION NUMBER: US 09/010,715
FILING DATE: 22-JAN-1998
APPLICATION NUMBER: US 08/480,658
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030072747Aland, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/37792
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 441 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-003-978A-8

Query Match 68.9%; Score 31; DB 15; Length 441;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFYFK 8
:|:|:|
Db 185 SATYFK 191

Search completed: September 25, 2003, 12:14:12
Job time : 63 secs

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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:05:32 ; Search time 10.2778 Seconds
(without alignments)
82.335 Million cell updates/sec

Title: SEQ1-SEQ3

Perfect score: 101

Sequence: 1 NNATFYFKIDNVKKARVQVW 20

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued_Patents_AA:*
- 1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep:*
 - 2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep:*
 - 3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep:*
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 - 5: /cgn2_6/ptodata/1/1aa/PCTUS_COMB.pep:*
 - 6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	101	100.0	117	1	US-08-193-114B-1
2	101	100.0	117	5	PCT-US92-06809-1
3	95	94.1	26	3	US-08-676-242-15
4	67	66.3	15	4	US-09-257-525A-3
5	40.5	40.1	145	2	US-08-832-535-2
6	40.5	40.1	145	3	US-09-019-485-2
7	40.5	40.1	145	3	US-09-019-485-3
8	40.5	40.1	145	3	US-09-431-480-9
9	40.5	40.1	145	3	US-09-617-302-9
10	40.5	40.1	145	4	US-09-528-436B-2
11	40.5	40.1	178	2	US-08-791-522-1
12	40.5	40.1	178	3	US-09-314-777-1
13	40	39.6	121	4	US-09-775-932-14
14	40	39.6	128	4	US-09-775-932-12
15	40	39.6	148	5	PCT-US95-07135-2
16	40	39.6	149	2	US-08-461-030C-2
17	40	39.6	149	3	US-08-744-138-2
18	40	39.6	149	3	US-09-431-480-8
19	40	39.6	149	3	US-09-431-480-10
20	40	39.6	149	3	US-09-617-302-8
21	40	39.6	149	3	US-09-617-302-10
22	40	39.6	149	4	US-09-241-376-2
23	40	39.6	164	4	US-09-134-001C-2924
24	40	39.6	179	3	US-08-911-321-3
25	39.5	39.1	320	1	US-08-726-525-4
26	39.5	39.1	320	2	US-08-487-942-4
27	39.5	39.1	320	2	US-08-726-036A-4

28	39.5	39.1	320	4	US-09-083-516-4	Sequence 4, Appl
29	39.5	39.1	358	1	US-08-253-155A-36	Sequence 36, Appl
30	39.5	39.1	608	1	US-08-766-014-3	Sequence 3, Appl
31	39.5	39.1	872	1	US-08-766-014-2	Sequence 2, Appl
32	39	38.6	503	4	US-09-562-737-64	Sequence 64, Appl
33	38.5	38.1	514	1	US-08-361-920-21	Sequence 21, Appl
34	38.5	38.1	514	1	US-08-479-939-21	Sequence 21, Appl
35	38.5	38.1	514	1	US-08-483-432-21	Sequence 21, Appl
36	38	37.6	222	1	US-08-328-152A-8	Sequence 8, Appl
37	38	37.6	240	1	US-07-940-861-12	Sequence 12, Appl
38	38	37.6	240	1	US-08-459-512-12	Sequence 12, Appl
39	38	37.6	240	2	US-08-459-657-12	Sequence 12, Appl
40	38	37.6	240	2	US-08-460-132-12	Sequence 12, Appl
41	38	37.6	240	3	US-08-466-465-4	Sequence 4, Appl
42	38	37.6	240	5	PCT-US92-02050-12	Sequence 12, Appl
43	38	37.6	240	6	5185441-36	Patent No. 5185441
44	38	37.6	240	6	5223394-4	Patent No. 5223394
45	38	37.6	240	6	5223394-6	Patent No. 5223394

ALIGNMENTS

RESULT 1
US-08-193-114B-1
; Sequence 1, Application US/08193114B
; Patent No. 5472945
; GENERAL INFORMATION:
; APPLICANT: Schmaier, Alvin H.
; TITLE OF INVENTION: Modulation of Blood
; TITLE OF INVENTION: Pressure and Inhibition of Platelet Activation
; TITLE OF INVENTION: with Kininogen Fragment
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seidel, Gonda, Lavorgna &
; ADDRESS: Monaco, P.C.
; STREET: 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,114B
; FILING DATE: 9 February 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Application
; APPLICATION NUMBER: Serial No. 5472945 07/744,545
; FILING DATE: 13 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-137 CII
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5472945e
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: peptide
; TOPOLOGY: linear
US-08-193-114B-1

Query Match 100.0%; Score 101; DB 1; Length 117;
Best Local Similarity 100.0%; Pred. No. 3,6e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNATFFKIDNVKKARQVV 20
|||||
Db 30 NNATFFKIDNVKKARQVV 49

RESULT 2

PCT-US92-06809-1
; Sequence 1, Application PC/TUS9206809
; GENERAL INFORMATION:
; APPLICANT: Schmaier, Alvin H.
; APPLICANT: Jiang, Yongping
; TITLE OF INVENTION: Modulation of Blood
; TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of the
; ADDRESSEE: Commonwealth System of Higher Education
; STREET: 406 University Services
; STREET: Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US92/06809
; FILING DATE: 19910813
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: U.S. Application
; APPLICATION NUMBER: Serial No. 744,545
; FILING DATE: 13 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.

; REGISTRATION NUMBER: 30,480

; REFERENCE/DOCKET NUMBER: 6056-137

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549

TELEX:

; INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

; LENGTH: 117 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear

PCT-US92-06809-1

Query Match 100.0%; Score 101; DB 5; Length 117;
Best Local Similarity 100.0%; Pred. No. 3.6e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNATFFKIDNVKKARQVV 20
|||||
Db 30 NNATFFKIDNVKKARQVV 49

RESULT 3

US-08-676-242-15
; Sequence 15, Application US/08676242C
; Patent No. 6143719
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of Michigan
; APPLICANT: Schmaier, Alvin H.
; APPLICANT: Hasan, Ahmed A.K.
; TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
; FILE REFERENCE: 8820-2 US
; CURRENT APPLICATION NUMBER: US/08/676,242C
; CURRENT FILING DATE: 2000-07-16

; EARLIER APPLICATION NUMBER: 60/000,096
; EARLIER FILING DATE: 1995-06-09
; EARLIER APPLICATION NUMBER: PCT/US96/09940
; EARLIER FILING DATE: 1996-06-07
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Bradykinin
; OTHER INFORMATION: analog
US-08-676-242-15

Query Match 94.1%; Score 95; DB 3; Length 26;
Best Local Similarity 100.0%; Pred. No. 6.8e-09;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NATFFKIDNVKKARQVV 20
|||||
Db 1 NATFFKIDNVKKARQVV 19

RESULT 4

US-09-257-525A-3
; Sequence 3, Application US/09257525A
; Patent No. 6507788

GENERAL INFORMATION:

; APPLICANT: CAMARA Y FERRAR, JOSE ANTONIO
; APPLICANT: THURIEAU, CHRISOPHE ALAIN
; APPLICANT: MARTINEZ, JEAN
; APPLICANT: BERGE, GILBERT
; APPLICANT: GOZE, CATHERINE
; TITLE OF INVENTION: RATIONAL SELECTION OF PUTATIVE PEPTIDES FROM IDENTIFIED NUCLEOTIDE SEQUENCES
; FILE REFERENCE: 6208-0004 (58767-000002)
; CURRENT APPLICATION NUMBER: US/09/257,525A
; CURRENT FILING DATE: 1999-02-25
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3

; LENGTH: 15

; TYPE: PRT

; ORGANISM: unknown

; FEATURE:

; OTHER INFORMATION: Sequence origin: pre-pro-bradykinine

; Patent No. 6507788

US-09-257-525A-3

Query Match 66.3%; Score 67; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.00012;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 FKIDNVKKARQVV 20
|||||
Db 1 FKIDNVKKARQVV 14

RESULT 5

US-08-832-535-2
; Sequence 2, Application US/08832535
; Patent No. 5919658

GENERAL INFORMATION:

; APPLICANT: NI, JIAN
; APPLICANT: LI, HAODONG
; APPLICANT: YU, GUO-LIANG
; APPLICANT: GENTZ, REINER L
; TITLE OF INVENTION: HUMAN CYSTATIN F
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HUMAN GENOME SCIENCES, INC.
; STREET: 9410 KEY WEST AVENUE

; CITY: ROCKVILLE
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,535
; FILING DATE: 03-APR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KIMBALL, PAUL C.
; REGISTRATION NUMBER: 34,610
; REFERENCE/DOCKET NUMBER: PF265
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 994-1700
; TELEFAX: (201) 994-1744
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 145 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-832-535-2

Query Match 40.1%; Score 40.5; DB 2; Length 145;
Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

QY 1 NNAT---FYFKIDNVKKARQVV 20
||| ||| : |||
Db 61 NNCTNDMFLFKESRITRALVQIV 83

RESULT 6
US-09-019-485-2
; Sequence 2, Application US/09019485
; Patent No. 6066617
; GENERAL INFORMATION:
; APPLICANT: Li, Haodong
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Gentz, Reiner
; APPLICANT: Ni, Jian
; TITLE OF INVENTION: Cystatin F
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/019,485
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Robert H.
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PF265P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 3013098504
; TELEFAX: 3013098439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 145 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-019-485-2

Query Match 40.1%; Score 40.5; DB 3; Length 145;
Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

QY 1 NNAT---FYFKIDNVKKARQVV 20
||| ||| : |||
Db 61 NNCTNDMFLFKESRITRALVQIV 83

RESULT 7
US-09-019-485-3
; Sequence 3, Application US/09019485
; Patent No. 6066617
; GENERAL INFORMATION:
; APPLICANT: Li, Haodong
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Gentz, Reiner
; APPLICANT: Ni, Jian
; TITLE OF INVENTION: Cystatin F
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/019,485
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Robert H.
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PF265P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 3013098504
; TELEFAX: 3013098439
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 145 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-019-485-3

Query Match 40.1%; Score 40.5; DB 3; Length 145;
Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

QY 1 NNAT---FYFKIDNVKKARQVV 20
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Db 61 NNCTNDMFLFKESRITRALVQIV 83

RESULT 8
US-09-431-480-9
; Sequence 9, Application US/09431480
; Patent No. 6235708
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.

; APPLICANT: Feldhaus, Andrew
; TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
; FILE REFERENCE: 98-72
; CURRENT APPLICATION NUMBER: US/09/431,480
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 60/109,217
; EARLIER FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: 60/156,382
; EARLIER FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-431-480-9

Query Match 40.1%; Score 40.5; DB 3; Length 145;
Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

Qy 1 NNAT---FYFKIDNVKKARQVV 20
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Db 61 NNCTNDMFLPKESRITRALVQIV 83

RESULT 9

US-09-617-302-9
; Sequence 9, Application US/09617302
; Patent No. 6245529
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Feldhaus, Andrew
; TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
; FILE REFERENCE: 98-72 C1
; CURRENT APPLICATION NUMBER: US/09/617,302
; CURRENT FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 09/431,480
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: 60/109,217
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/156,382
; PRIOR FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-617-302-9

Query Match 40.1%; Score 40.5; DB 3; Length 145;
Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

Qy 1 NNAT---FYFKIDNVKKARQVV 20
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Db 61 NNCTNDMFLPKESRITRALVQIV 83

RESULT 10

US-09-528-436B-2
; Sequence 2, Application US/09528436B
; Patent No. 6576745
; GENERAL INFORMATION:
; APPLICANT: Li, et al.
; TITLE OF INVENTION: Human Cystatin F
; FILE REFERENCE: PF265PID1
; CURRENT APPLICATION NUMBER: US/09/528,436B
; CURRENT FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/019,485
; PRIOR FILING DATE: 1998-01-29
; PRIOR APPLICATION NUMBER: 08/832,535

; PRIOR FILING DATE: 1999-04-03
; PRIOR APPLICATION NUMBER: 60/014,795
; PRIOR FILING DATE: 1996-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-528-436B-2

Query Match 40.1%; Score 40.5; DB 4; Length 145;
Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

Qy 1 NNAT---FYFKIDNVKKARQVV 20
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Db 61 NNCTNDMFLPKESRITRALVQIV 83

RESULT 11

US-08-791-522-1
; Sequence 1, Application US/08791522
; Patent No. 5935817
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/791,522
; FILING DATE: Filed Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0193 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 30443
US-08-791-522-1

Query Match 40.1%; Score 40.5; DB 2; Length 178;
Best Local Similarity 43.5%; Pred. No. 31;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

Qy 1 NNAT---FYFKIDNVKKARQVV 20
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RESULT 12
US-09-314-777-1
; Sequence 1, Application US/09314777
; Patent No. 6110686
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; APPLICATION DATA:
; APPLICATION NUMBER: US/09/314,777
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/791,522
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0193 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 30443
US-09-314-777-1
Query Match 40.1%; Score 40.5; DB 3; Length 178;
Best Local Similarity 43.5%; Pred. No. 31;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;
QY 1 NNATFYFKIDNVKKARQVQV 20
Db 83 NNCTNDMFLFKESRITRLVQIV 105
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US-09-775-932-14
; Sequence 14, Application US/09775932
; Patent No. 6534477
; GENERAL INFORMATION:
; APPLICANT: University of British Columbia
; TITLE OF INVENTION: Production and use of Modified Cystatins
; FILE REFERENCE: 58069
; CURRENT APPLICATION NUMBER: US/09/775,932
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: CA99/00717
; PRIOR FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: 60/095,503
; PRIOR FILING DATE: 1998-08-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-775-932-14
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Best Local Similarity 35.0%; Pred. No. 25;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
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US-09-775-932-12
; Sequence 12, Application US/09775932
; Patent No. 6534477
; GENERAL INFORMATION:
; APPLICANT: University of British Columbia
; TITLE OF INVENTION: Production and use of Modified Cystatins
; FILE REFERENCE: 58069
; CURRENT APPLICATION NUMBER: US/09/775,932
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: CA99/00717
; PRIOR FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: 60/095,503
; PRIOR FILING DATE: 1998-08-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-775-932-12
Query Match 39.6%; Score 40; DB 4; Length 128;
Best Local Similarity 35.0%; Pred. No. 26;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
QY 1 NNATFYFKIDNVKKARQVQV 20
Db 42 SNSIYFDRTHIIKAQSQLV 61
RESULT 15
PCT-US95-07135-2
; Sequence 2, Application PC/TUS9507135
; GENERAL INFORMATION:
; APPLICANT: Ni, Jian
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Gentz, Reiner
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: HUMAN CYSTATIN E
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STUART & OLSTEIN
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07135
; FILING DATE: 05-JUN-1995
; CLASSIFICATION:
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; LENGTH: 121
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-775-932-14
Query Match 39.6%; Score 40; DB 4; Length 121;
Best Local Similarity 35.0%; Pred. No. 25;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
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Db 35 SNSIYFDRTHIIKAQSQLV 54
RESULT 14
US-09-775-932-12
; Sequence 12, Application US/09775932
; Patent No. 6534477
; GENERAL INFORMATION:
; APPLICANT: University of British Columbia
; TITLE OF INVENTION: Production and use of Modified Cystatins
; FILE REFERENCE: 58069
; CURRENT APPLICATION NUMBER: US/09/775,932
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: CA99/00717
; PRIOR FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: 60/095,503
; PRIOR FILING DATE: 1998-08-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-775-932-12
Query Match 39.6%; Score 40; DB 4; Length 128;
Best Local Similarity 35.0%; Pred. No. 26;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
QY 1 NNATFYFKIDNVKKARQVQV 20
Db 42 SNSIYFDRTHIIKAQSQLV 61
RESULT 15
PCT-US95-07135-2
; Sequence 2, Application PC/TUS9507135
; GENERAL INFORMATION:
; APPLICANT: Ni, Jian
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Gentz, Reiner
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: HUMAN CYSTATIN E
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STUART & OLSTEIN
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07135
; FILING DATE: 05-JUN-1995
; CLASSIFICATION:
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; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 148 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-07135-2

Query Match      39.6%; Score 40; DB 5; Length 148;
Best Local Similarity 35.0%; Pred. No. 31;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;

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Db      63 SNSIYFRDTHIKRQSLV 82

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Job time : 11.2778 secs

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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:13:07 : Search time 16.1111 Seconds
(without alignments)
187.829 Million cell updates/sec

Title: SEQ1-SEQ3

Perfect score: 101

Sequence: 1 NNATFFKIDNVKKARVQV 20

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 566894 seqs, 151307093 residues

Total number of hits satisfying chosen parameters: 566894

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	ID	Description
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2	74	73.3	16	9	US-09-935-682-3
3	66	65.3	424	12	US-10-316-253-217
4	66	65.3	430	12	US-10-316-253-215
5	42	41.6	282	10	US-09-738-626-6055
6	42	41.6	717	10	US-09-801-368-376
7	40.5	40.1	145	15	US-10-329-428-2
8	40.5	40.1	167	11	US-09-746-783-197
9	40.5	40.1	178	10	US-09-969-834-1
10	40	39.6	121	10	US-09-775-932-14
11	40	39.6	128	10	US-09-775-932-12
12	40	39.6	149	9	US-09-940-497-2
13	40	39.6	431	11	US-09-966-521-126
14	39.5	39.1	260	15	US-10-074-475-263
15	39.5	39.1	316	9	US-09-925-301-947

16	39.5	39.1	320	9	US-09-840-707A-7	Sequence 7, Appli
17	39.5	39.1	320	11	US-09-884-319-4	Sequence 4, Appli
18	39.5	39.1	320	15	US-10-038-557A-7	Sequence 7, Appli
19	39.5	39.1	872	12	US-10-326-040-1	Sequence 1, Appli
20	39.5	39.1	872	12	US-10-326-040-3	Sequence 3, Appli
21	39.5	39.1	872	12	US-10-326-040-5	Sequence 5, Appli
22	39.5	39.1	872	12	US-10-326-040-7	Sequence 7, Appli
23	39.5	39.1	872	12	US-10-326-040-8	Sequence 8, Appli
24	39.5	39.1	950	9	US-09-823-356-9	Sequence 9, Appli
25	39	38.6	177	12	US-10-149-759-66	Sequence 66, Appl
26	39	38.6	312	15	US-10-183-116-43	Sequence 43, Appl
27	39	38.6	503	15	US-10-211-962-64	Sequence 64, Appl
28	38.5	38.1	288	15	US-10-043-487-8	Sequence 8, Appli
29	38	37.6	42	15	US-10-106-698-5152	Sequence 5152, Ap
30	38	37.6	83	10	US-09-764-868-856	Sequence 856, App
31	38	37.6	122	12	US-10-238-075-1540	Sequence 1540, Ap
32	38	37.6	240	9	US-09-796-033-4	Sequence 4, Appli
33	38	37.6	240	9	US-09-730-465-4	Sequence 4, Appli
34	38	37.6	250	9	US-09-796-033-2	Sequence 2, Appli
35	38	37.6	250	9	US-09-730-465-2	Sequence 2, Appli
36	38	37.6	250	15	US-10-207-655-113	Sequence 113, App
37	38	37.6	383	10	US-09-981-947A-3	Sequence 3, Appli
38	38	37.6	387	12	US-09-882-227-324	Sequence 324, App
39	38	37.6	441	9	US-09-778-927A-51	Sequence 51, Appl
40	38	37.6	455	9	US-09-778-927A-50	Sequence 50, Appl
41	38	37.6	471	9	US-09-778-927A-47	Sequence 47, Appl
42	38	37.6	471	9	US-09-778-927A-49	Sequence 49, Appl
43	38	37.6	480	15	US-10-176-847-76	Sequence 76, Appl
44	38	37.6	492	12	US-10-328-198-3	Sequence 3, Appli
45	38	37.6	501	9	US-09-778-927A-48	Sequence 48, Appli

ALIGNMENTS

RESULT 1
US-09-919-039-29
; Sequence 29, Application US/09919039
; Publication No. US20030108871A1
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 29
; LENGTH: 427
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29

Query Match 100.0%; Score 101; DB 11; Length 427;
Best Local Similarity 100.0%; Pred. No. 3.5e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNATFFKIDNVKKARVQV 20
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DB 293 NNATFFKIDNVKKARVQV 312

RESULT 2

US-09-935-682-3
; Sequence 3, Application US/09935682
; Patent No. US20020059032A1
; GENERAL INFORMATION:
; APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques

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; APPLICANT: Ferrer, Camara Y.
; TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotide
; FILE REFERENCE: 58767.000005
; CURRENT APPLICATION NUMBER: US/09/935,682
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 09/257,525
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCI/FR00/00460
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-935-682-3

Query Match      73.3%; Score 74; DB 9; Length 16;
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RESULT 3
US-10-316-253-217
; Sequence 217, Application US/10316253
; Publication No. US20030162706A1
; GENERAL INFORMATION:
; APPLICANT: The Procter & Gamble Company
; APPLICANT: Peters, Kevin
; APPLICANT: Thompson, Larry
; APPLICANT: Wang, Feng
; APPLICANT: Greis, Kenneth
; TITLE OF INVENTION: Angiogenesis Modulating Proteins
; FILE REFERENCE: 8865M
; CURRENT APPLICATION NUMBER: US/10/316,253
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/355,295
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 217
; LENGTH: 424
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-217

Query Match      65.3%; Score 66; DB 12; Length 424;
Best Local Similarity 70.0%; Pred. No. 0.013;
Matches 14; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

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RESULT 4
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; Sequence 215, Application US/10316253
; Publication No. US20030162706A1
; GENERAL INFORMATION:
; APPLICANT: The Procter & Gamble Company
; APPLICANT: Peters, Kevin
; APPLICANT: Thompson, Larry
; APPLICANT: Wang, Feng
; APPLICANT: Greis, Kenneth
; TITLE OF INVENTION: Angiogenesis Modulating Proteins
; FILE REFERENCE: 8865M
; CURRENT APPLICATION NUMBER: US/10/316,253
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; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/355,295
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; SOFTWARE: PatentIn version 3.1
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; LENGTH: 430
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US-10-316-253-215

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Best Local Similarity 70.0%; Pred. No. 0.014;
Matches 14; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY      1 NNATFFPKIDNVKARQVV 20
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DB      292 HNHIFYFKIDTVKRTSQVV 311

RESULT 5
US-09-738-626-6055
; Sequence 6055, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIROSHI
; APPLICANT: ANDO, SEIKO
; APPLICANT: HAYASHI, MIKIRO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHIKO
; APPLICANT: TATEISHI, NAKO
; APPLICANT: SENOH, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OKAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 6055
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-6055

Query Match      41.6%; Score 42; DB 10; Length 282;
Best Local Similarity 53.8%; Pred. No. 59;
Matches 7; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      6 YFKIDNVKARQV 18
       |||||:|:|:|:|:|:|
DB      154 YFKVDDVEKTEVR 166

RESULT 6
US-09-801-368-376
; Sequence 376, Application US/09801368
; Patent No. US20020128250A1
; GENERAL INFORMATION:
; APPLICANT: Busby, Robert
; APPLICANT: Cali, Brian
; APPLICANT: Hecht, Peter
; APPLICANT: Holtzman, Doug
; APPLICANT: Madden, Kevin
; APPLICANT: Maxon, Mary
```

McCoy, John M.
LaVallie, Edward R.
Racie, Lisa A.
Treacy, Maurice
Spaulding, Vikki
Agostino, Michael J.
Howes, Steven H.
Fechtel, Kim

TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
ENCODING THEM

NUMBER OF SEQUENCES: 231

CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: U.S.A.
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: PATEMILIU Release #1.0, Version #1.3
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/746,783
; FILING DATE: 21-Dec-2000
;
```

CLASSIFICATION: CONTINUOUS
ATTORNEY/AGENT INFORMATION:
NAME: Milasincic, Debra J.
REGISTRATION NUMBER 46,931

```

; TELEPHONE: (617) 427-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 167 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 197:
US-09-746-783-197

Query Match 40.1%; Score 40.5; DB 11; Length 167;
Best Local Similarity 43.5%; Pred. No. 58;
Matches 10; Conservative 3; Mismatches 7; Indels 3

QY 1 NNAT---FYFKIDNVKKRVQVV 20
||| ||| : |||
Db 83 NNCTNDMFLFKESRITRALVQIV 105

RESULT 9
US-09-969-834-1
; Sequence 1, Application US/09969834
; Patent No. US20020102711A1
; GENERAL INFORMATION:

```

APPLICANT: Bandman, Olga Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE PROTEIN

NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive

```

/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/

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; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/969,834
; FILING DATE: 01-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/471,765
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US/08/791,522
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 09/471,765
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0193 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 30443
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-969-834-1
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Query Match 40.1%; Score 40.5; DB 10; Length 178;
Best Local Similarity 43.5%; Pred. No. 62;
Matches 10; Conservative 3; Mismatches 7; Indels 3; Gaps 1;
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QY 1 NNAT---FYFKIDNVKKARQVQV 20
||| ||| ||| :||| |||
Db 83 NNCTNDMPFLFKESRITRALVQIV 105
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RESULT 10
US-09-775-932-14
; Sequence 14, Application US/09775932
; Patent No. US20020137671A1
; GENERAL INFORMATION:
; APPLICANT: University of British Columbia
; TITLE OF INVENTION: Production and use of Modified Cystatins
; FILE REFERENCE: 58069
; CURRENT APPLICATION NUMBER: US/09/775,932
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: CA99/00717
; PRIOR FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: 60/095,503
; PRIOR FILING DATE: 1998-08-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-775-932-14
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Query Match 39.6%; Score 40; DB 10; Length 121;
Best Local Similarity 35.0%; Pred. No. 49;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
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QY 1 NNATFYFKIDNVKKARQVQV 20
||: |||: ||: |||: |||
Db 35 SNSIYFRDTHIIKAQSOLV 54
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RESULT 11
US-09-775-932-12
; Sequence 12, Application US/09775932
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; Patent No. US20020137671A1
; GENERAL INFORMATION:
; APPLICANT: University of British Columbia
; TITLE OF INVENTION: Production and use of Modified Cystatins
; FILE REFERENCE: 58069
; CURRENT APPLICATION NUMBER: US/09/775,932
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: CA99/00717
; PRIOR FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: 60/095,503
; PRIOR FILING DATE: 1998-08-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 128
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-775-932-12
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Query Match 39.6%; Score 40; DB 10; Length 128;
Best Local Similarity 35.0%; Pred. No. 52;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
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QY 1 NNATFYFKIDNVKKARQVQV 20
||: |||: ||: |||: |||
Db 42 SNSIYFRDTHIIKAQSOLV 61
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RESULT 12
US-09-940-497-2
; Sequence 2, Application US/09940497
; Patent No. US20020052476A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: Human Cystatin E
; FILE REFERENCE: PF202PID2
; CURRENT APPLICATION NUMBER: US/09/940,497
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: US 09/241,376
; PRIOR FILING DATE: 1999-02-02
; PRIOR APPLICATION NUMBER: US 08/744,138
; PRIOR FILING DATE: 1996-11-05
; PRIOR APPLICATION NUMBER: US 08/461,030
; PRIOR FILING DATE: 1995-06-05
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 149
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-940-497-2
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Query Match 39.6%; Score 40; DB 9; Length 149;
Best Local Similarity 35.0%; Pred. No. 62;
Matches 7; Conservative 8; Mismatches 5; Indels 0; Gaps 0;
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```
QY 1 NNATFYFKIDNVKKARQVQV 20
||: |||: ||: |||: |||
Db 63 SNSIYFRDTHIIKAQSOLV 82
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```
RESULT 13
US-09-966-521-126
; Sequence 126, Application US/09966521
; Publication No. US20030087321A1
; GENERAL INFORMATION:
; APPLICANT: TOMICH, Che-Shen
; APPLICANT: QUINN, Cheryl
; APPLICANT: ARVIDSON, Staffan
; APPLICANT: HARRIS, Douglas
; APPLICANT: MOTT, John
; TITLE OF INVENTION: ANTIMICROBIAL METHODS AND MATERIALS
; FILE REFERENCE: 6212.N2
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; CURRENT APPLICATION NUMBER: US/09/966,521
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 126
; LENGTH: 431
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-09-966-521-126

Query Match          39.6%; Score 40; DB 11; Length 431;
Best Local Similarity 42.9%; Pred. No. 1.9e+02;
Matches 6; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 NNATFYFKIDNVKK 14
   |||::: ||
Db 321 NNGDTYFRVQTIKK 334

RESULT 14
US-10-074-475-263
; Sequence 263, Application US/10074475
; Publication No. US20030092898A1
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Macina, Roberto
; APPLICANT: Hu, Ping
; APPLICANT: Recipon, Herve
; APPLICANT: Karra, Kalpana
; APPLICANT: Caifferkey, Robert
; APPLICANT: Sun, Yongming
; APPLICANT: Liu, Chenghua
; TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific
; FILE REFERENCE: DEX-0313
; CURRENT APPLICATION NUMBER: US/10/074,475
; CURRENT FILING DATE: 2002-02-13
; PRIOR APPLICATION NUMBER: 60/268,292
; PRIOR FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 295
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 263
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-074-475-263

Query Match          39.1%; Score 39.5; DB 15; Length 260;
Best Local Similarity 45.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 4; Mismatches 4; Indels 3; Gaps 1;

QY 1 NNATF---YFKIDNVKKARV 17
   ||::: |||
Db 119 NNSTMKIDHFOLDNEKPMRV 138

RESULT 15
US-09-925-301-947
; Sequence 947, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; FILE REFERENCE: PA106
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 947

; LENGTH: 316
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (293)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (312)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-947

Query Match          39.1%; Score 39.5; DB 9; Length 316;
Best Local Similarity 45.0%; Pred. No. 1.7e+02;
Matches 9; Conservative 4; Mismatches 4; Indels 3; Gaps 1;

QY 1 NNATF---YFKIDNVKKARV 17
   ||::: |||
Db 33 NNSTMKIDHFOLDNEKPMRV 52

Search completed: September 25, 2003, 12:25:08
Job time : 16.1111 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:05:32 ; Search time 16.4444 Seconds
(without alignments)
82.335 Million cell updates/sec

Title: SEQ2-SEQ1-SEQ3

Perfect score: 161

Sequence: 1 TLTHITIKLNAENNATFYFKIDNVKKARQVV 32

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued_Patents_AA:*
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 - 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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 - 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
 - 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	161	100.0	117	1	US-08-193-114B-1
2	161	100.0	117	5	PCT-US92-06809-1
3	95	59.0	26	3	US-08-676-242-15
4	67	41.6	15	4	US-09-257-525A-3
5	52	32.3	701	2	US-08-533-669A-16
6	52	32.3	701	4	US-09-183-861-16
7	52	32.3	701	4	US-09-022-765-16
8	52	32.3	701	4	US-09-551-974A-16
9	49.5	30.7	352	2	US-08-483-926A-11
10	49.5	30.7	352	2	US-08-737-045-12
11	48	29.8	145	2	US-08-832-535-2
12	48	29.8	145	3	US-09-019-485-2
13	48	29.8	145	3	US-09-019-485-3
14	48	29.8	145	3	US-09-431-480-9
15	48	29.8	145	3	US-09-617-302-9
16	48	29.8	145	4	US-09-528-436B-2
17	48	29.8	178	2	US-08-791-522-1
18	48	29.8	178	3	US-09-314-777-1
19	48	29.8	284	4	US-09-134-001C-2927
20	48	29.8	350	1	US-08-415-751-20
21	48	29.8	351	4	US-09-328-352-5052
22	46	28.6	126	3	US-08-751-359-11
23	46	28.6	126	4	US-08-907-146-11
24	46	28.6	128	1	US-08-259-372A-14
25	46	28.6	128	1	US-08-468-671-14
26	46	28.6	400	4	US-09-390-234-19
27	46	28.6	400	4	US-09-390-234-22

28	46	28.6	590	4	US-09-107-532A-6004	Sequence 6004, Ap
29	46	28.6	1220	2	US-08-843-530B-36	Sequence 36, Appl
30	45.5	28.3	117	4	US-09-134-001C-2918	Sequence 2918, Ap
31	45.5	28.3	671	6	5266464-2	Patent No. 5266464
32	45	28.0	103	4	US-09-615-192A-398	Sequence 398, Appl
33	45	28.0	108	2	US-08-378-939-32	Sequence 32, Appl
34	45	28.0	108	2	US-08-378-939-34	Sequence 34, Appl
35	45	28.0	118	4	US-09-775-932-24	Sequence 24, Appl
36	45	28.0	121	4	US-09-775-932-14	Sequence 14, Appl
37	45	28.0	128	4	US-09-775-932-12	Sequence 12, Appl
38	45	28.0	148	5	PCT-US95-07135-2	Sequence 2, Appl
39	45	28.0	149	2	US-08-461-030C-2	Sequence 2, Appl
40	45	28.0	149	3	US-08-744-138-2	Sequence 2, Appl
41	45	28.0	149	3	US-09-431-480-8	Sequence 8, Appl
42	45	28.0	149	3	US-09-431-480-10	Sequence 10, Appl
43	45	28.0	149	3	US-09-617-302-8	Sequence 8, Appl
44	45	28.0	149	3	US-09-617-302-10	Sequence 10, Appl
45	45	28.0	149	4	US-09-241-376-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1

US-08-193-114B-1
; Sequence 1, Application US/08193114B
; Patent No. 5472945
; GENERAL INFORMATION:
; APPLICANT: Schmale, Alvin H.
; APPLICANT: Jiang, Yongping
; TITLE OF INVENTION: Modulation of Blood
; TITLE OF INVENTION: Pressure and Inhibition of Platelet Activation
; TITLE OF INVENTION: with Kininogen Fragment
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seidel, Gonda, Lavorgna &
; ADDRESSEE: Monaco, P.C.
; STREET: 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08193,114B
; FILING DATE: 9 February 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Application
; APPLICATION NUMBER: Serial No. 5472945 07/744,545
; FILING DATE: 13 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-137 CII
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5472945e
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: peptide
; TOPOLOGY: linear

US-08-193-114B-1

Query Match 100.0%; Score 161; DB 1; Length 117;
Best Local Similarity 100.0%; Pred. No. 7.2e-15;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLTHITITKLNAENNATFYFKIDNVKKARQVW 32
 |||||
 Db 18 TLTHITITKLNAENNATFYFKIDNVKKARQVW 49

RESULT 2

PCT-US92-06809-1
 ; Sequence 1, Application PC/TUS9206809
 ; GENERAL INFORMATION:
 ; APPLICANT: Schmaier, Alvin H.
 ; APPLICANT: Jiang, Yongping
 ; TITLE OF INVENTION: Modulation of Blood
 ; TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
 ; NUMBER OF SEQUENCES: 2
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Temple University - Of the
 ; ADDRESSEE: Commonwealth System of Higher Education
 ; STREET: 406 University Services
 ; STREET: Building
 ; CITY: Philadelphia
 ; STATE: Pennsylvania
 ; COUNTRY: U.S.A.
 ; ZIP: 19122

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
 ; COMPUTER: IBM PS/2

; OPERATING SYSTEM: MS-DOS

; SOFTWARE: WordPerfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US92/06809

; FILING DATE: 19910813

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: U.S. Application

; APPLICATION NUMBER: Serial No. 744,545

; FILING DATE: 13 August 1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Monaco, Daniel A.

; REGISTRATION NUMBER: 30,480

; REFERENCE/DOCKET NUMBER: 6056-137

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-8383

; TELEFAX: (215) 568-5549

; TELEX:

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 117 amino acids

; TYPE: AMINO ACID

; TOPOLOGY: linear

PCT-US92-06809-1

Query Match 100.0%; Score 161; DB 5; Length 117;
 Best Local Similarity 100.0%; Pred. No. 7.2e-15;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLTHITITKLNAENNATFYFKIDNVKKARQVW 32
 |||||
 Db 18 TLTHITITKLNAENNATFYFKIDNVKKARQVW 49

RESULT 3

US-08-676-242-15
 ; Sequence 15, Application US/08676242C
 ; Patent No. 6143719

; GENERAL INFORMATION:

; APPLICANT: The Regents of the University of Michigan

; APPLICANT: Schmaier, Alvin H.

; APPLICANT: Hasan, Ahmed A.K.

; TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors

; FILE REFERENCE: 8820-2 US

; CURRENT APPLICATION NUMBER: US/08/676,242C

; CURRENT FILING DATE: 2000-07-16

; EARLIER APPLICATION NUMBER: 60/000,096
 ; EARLIER FILING DATE: 1995-06-09
 ; EARLIER APPLICATION NUMBER: PCT/US96/09940
 ; EARLIER FILING DATE: 1996-06-07
 ; NUMBER OF SEQ ID NOS: 24
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 15
 ; LENGTH: 26
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Bradykinin
 ; OTHER INFORMATION: analog
 ; US-08-676-242-15

Query Match 59.0%; Score 95; DB 3; Length 26;
 Best Local Similarity 100.0%; Pred. No. 1.3e-06;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 NATFYFKIDNVKKARQVW 32
 |||||
 Db 1 NATFYFKIDNVKKARQVW 19

RESULT 4

US-09-257-525A-3

; Sequence 3, Application US/09257525A

; Patent No. 6507788

; GENERAL INFORMATION:

; APPLICANT: CAMARA Y FERRAR, JOSE ANTONIO

; APPLICANT: THURIEAU, CHRISOPHE ALAIN

; APPLICANT: MARTINEZ, JEAN

; APPLICANT: BERGE, GILBERT

; APPLICANT: GOZE, CATHERINE

; TITLE OF INVENTION: RATIONAL SELECTION OF PUTATIVE PEPTIDES FROM IDENTIFIED NUCLE

; FILE REFERENCE: 6208-0004 (58767-000002)

; CURRENT APPLICATION NUMBER: US/09/257,525A

; CURRENT FILING DATE: 1999-02-25

; NUMBER OF SEQ ID NOS: 10

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3

; LENGTH: 15

; TYPE: PRT

; ORGANISM: unknown

; FEATURE:

; OTHER INFORMATION: Sequence origin: pre-pro-bradykinine

; Patent No. 6507788

; US-09-257-525A-3

Query Match 41.6%; Score 67; DB 4; Length 15;
 Best Local Similarity 100.0%; Pred. No. 0.0047;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 FKIDNVKKARQVW 32
 |||||
 Db 1 FKIDNVKKARQVW 14

RESULT 5

US-08-533-669A-16

; Sequence 16, Application US/08533669A

; Patent No. 5834592

; GENERAL INFORMATION:

; APPLICANT: Corixa Corporation

; TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE

; NUMBER OF SEQUENCES: 18

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: SEED and BERRY LLP

; STREET: 6300 Columbia Center, 701 Fifth Avenue

; CITY: Seattle

; STATE: Washington

Query Match	30.7%	Score 49.5;	DB 2;	Length 352;
Best Local Similarity	35.7%	Pred. No. 37;		

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; TELEFAX: (201) 994-1744
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 145 amino acids
;   TYPE: amino acid
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-08-832-535-2
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Query Match          29.8%; Score 48; DB 2; Length 145;
Best Local Similarity 34.5%; Pred. No. 22;
Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;
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QY      4 HTITKLNENATFFFKIDNVKKARQVV 32
      :::| | | | | | | | | | | | | | |
Db      55 YSVEKFNCTNDMFLFKESRITRALVQIV 83
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RESULT 12
; Sequence 2, Application US/09019485
; Patent No. 6066617
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; GENERAL INFORMATION:
; APPLICANT: Li, Haodong
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Gentz, Reiner
; APPLICANT: Ni, Jian
; TITLE OF INVENTION: Cystatin F
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Robert H.
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PF265P1
; TELEPHONE: 3013098504
; TELEFAX: 3013098439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 145 amino acids
;   TYPE: amino acid
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-019-485-2
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Query Match          29.8%; Score 48; DB 3; Length 145;
Best Local Similarity 34.5%; Pred. No. 22;
Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;
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QY      4 HTITKLNENATFFFKIDNVKKARQVV 32
      :::| | | | | | | | | | | | | | |
Db      55 YSVEKFNCTNDMFLFKESRITRALVQIV 83
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RESULT 13
; Sequence 3, Application US/09019485
; Patent No. 6066617
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; GENERAL INFORMATION:
; APPLICANT: Li, Haodong
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Gentz, Reiner
; APPLICANT: Ni, Jian
; TITLE OF INVENTION: Cystatin F
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Robert H.
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PF265P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 3013098504
; TELEFAX: 3013098439
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 145 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-019-485-3
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Query Match          29.8%; Score 48; DB 3; Length 145;
Best Local Similarity 34.5%; Pred. No. 22;
Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;
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QY      4 HTITKLNENATFFFKIDNVKKARQVV 32
      :::| | | | | | | | | | | | | | |
Db      55 YSVEKFNCTNDMFLFKESRITRALVQIV 83
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RESULT 14
; Sequence 9, Application US/09431480
; Patent No. 6235708
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Feldhaus, Andrew
; TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
; FILE REFERENCE: 98-72
; CURRENT APPLICATION NUMBER: US/09/431,480
; CURRENT FILING DATE: 1999-11-01
; EARLIER APPLICATION NUMBER: 60/109,217
; EARLIER FILING DATE: 1998-11-20
; EARLIER APPLICATION NUMBER: 60/156,382
; EARLIER FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-431-480-9
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Query Match          29.8%; Score 48; DB 3; Length 145;
Best Local Similarity 34.5%; Pred. No. 22;
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Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;

QY 4 HTITKLNNAENATFYFKIDNVKKARQVQV 32
 ::: | | | | | : : | | |
 Db 55 YSVEKFNNCTNDMFLFKESRITRALVQIV 83

RESULT 15
 US-09-617-302-9
 ; Sequence 9, Application US/09617302
 ; Patent No. 6245529
 ; GENERAL INFORMATION:
 ; APPLICANT: Holloway, James L.
 ; APPLICANT: Feldhaus, Andrew
 ; TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
 ; FILE REFERENCE: 98-72 C1
 ; CURRENT APPLICATION NUMBER: US/09/617,302
 ; CURRENT FILING DATE: 2000-07-17
 ; PRIOR APPLICATION NUMBER: 09/431,480
 ; PRIOR FILING DATE: 1999-11-01
 ; PRIOR APPLICATION NUMBER: 60/109,217
 ; PRIOR FILING DATE: 1998-11-20
 ; PRIOR APPLICATION NUMBER: 60/156,382
 ; PRIOR FILING DATE: 1999-09-28
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 9
 ; LENGTH: 145
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-617-302-9

Query Match 29.8%; Score 48; DB 3; Length 145;
 Best Local Similarity 34.5%; Pred. No. 22;
 Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;

QY 4 HTITKLNNAENATFYFKIDNVKKARQVQV 32
 ::: | | | | | : : | | |
 Db 55 YSVEKFNNCTNDMFLFKESRITRALVQIV 83

Search completed: September 25, 2003, 12:14:58
 Job time : 16.4444 secs

GenCore version 5.1.6
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OM protein - protein search using sw model

Run on: September 25, 2003, 12:13:07 : Search time 25.7778 Seconds
(without alignments)
187.829 Million cell updates/sec

Title: SEQ2-SEQ1-SEQ3

Perfect score: 161

Sequence: 1 TLTHITIKLNAENNATFYFKIDNVKKARQVQV 32

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 566894 seqs, 151307093 residues

Total number of hits satisfying chosen parameters: 566894

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:*

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- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pap:*
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- 9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pap:*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pap:*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pap:*
- 12: /cgn2_6/ptodata/1/pubpaa/US09D_PUBCOMB.pap:*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pap:*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pap:*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pap:*
- 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pap:*
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- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pap:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	161	100.0	427	11	US-09-919-039-29
2	99	61.5	424	12	US-10-316-253-217
3	98	60.9	430	12	US-10-316-253-215
4	74	46.0	16	9	US-09-935-682-3
5	52.5	32.6	498	15	US-10-083-357-1290
6	52	32.3	701	9	US-09-874-923-16
7	52	32.3	701	10	US-09-991-496-16
8	49.5	30.7	352	12	US-10-316-253-84
9	49.5	30.7	352	12	US-10-316-253-86
10	48	29.8	75	15	US-10-078-958-25
11	48	29.8	76	15	US-10-078-958-10
12	48	29.8	105	15	US-10-078-958-12
13	48	29.8	113	15	US-10-012-140-28
14	48	29.8	145	15	US-10-329-428-2
15	48	29.8	167	11	US-09-746-783-197

16	48	29.8	178	10	US-09-969-834-1
17	48	29.8	254	11	US-09-880-748-1075
18	47.5	29.5	52	16	US-10-218-102-361
19	47.5	29.5	479	10	US-09-925-300-1515
20	47.5	29.5	1037	9	US-09-815-242-5573
21	47.5	29.5	1065	9	US-09-815-242-12617
22	47	29.2	104	15	US-10-078-958-27
23	47	29.2	104	15	US-10-078-958-29
24	47	29.2	326	15	US-10-156-761-13429
25	47	29.2	348	9	US-09-791-961-2
26	46	28.6	95	15	US-10-194-975-93
27	46	28.6	102	9	US-09-864-761-48570
28	46	28.6	1220	10	US-09-801-368-332
29	45.5	28.3	3472	12	US-10-029-120-4
30	45.5	28.3	3472	14	US-10-027-806-4
31	45.5	28.3	3472	14	US-10-034-623-4
32	45.5	28.3	3472	15	US-10-027-801-4
33	45	28.0	17	9	US-09-383-387-2
34	45	28.0	103	16	US-10-174-693-398
35	45	28.0	107	15	US-10-091-300-37
36	45	28.0	118	10	US-09-775-932-24
37	45	28.0	121	10	US-09-775-932-14
38	45	28.0	122	12	US-10-238-075-1540
39	45	28.0	128	10	US-09-775-932-12
40	45	28.0	149	9	US-09-940-497-2
41	45	28.0	251	11	US-09-880-748-1083
42	45	28.0	254	11	US-09-880-748-1087
43	45	28.0	256	11	US-09-880-748-1026
44	45	28.0	344	15	US-10-156-761-7966
45	45	28.0	359	9	US-09-815-242-13653

ALIGNMENTS

RESULT 1
US-09-919-039-29
; Sequence 29, Application US/09919039
; Publication No. US20030108871A1
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 29
; LENGTH: 427
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29

Query Match 100.0%; Score 161; DB 11; Length 427;
Best Local Similarity 100.0%; Pred. No. 2.1e-14;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLTHITIKLNAENNATFYFKIDNVKKARQVQV 32
|||||
Db 281 TLTHITIKLNAENNATFYFKIDNVKKARQVQV 312

RESULT 2
US-10-316-253-217
; Sequence 217, Application US/10316253
; Publication No. US20030162706A1
; GENERAL INFORMATION:
; APPLICANT: The Procter & Gamble Company

; PRIOR APPLICATION NUMBER: 09/231,525

Query Match 32.3%; Score 52; DB 9; Length 701;
 Best Local Similarity 38.5%; Pred. No. 50;
 Matches 10; Conservative 6; Mismatches 10; Indels 0; Gaps 0;

QY 1 TLTHITITKLNAENNATFYFKIDNVKK 26
 DB 448 TLKDYVTRMKAEQNSIYITGDSKKK 473

RESULT 7
 US-09-991-496-16
 ; Sequence 16, Application US/09991496
 ; Patent No. US20020169289A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Steven G.
 ; APPLICANT: Campos-Neto, Antonio
 ; APPLICANT: Webb, John R.
 ; APPLICANT: Dillon, Davin C.
 ; APPLICANT: Skeiky, Yasir A.W.
 ; APPLICANT: Bhatia, Ajay
 ; APPLICANT: Coler, Rhea
 ; APPLICANT: Probst, Peter
 ; APPLICANT: Brannon, Mark
 ; TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
 ; FILE REFERENCE: 210121.420C9
 ; CURRENT APPLICATION NUMBER: US/09/991,496
 ; CURRENT FILING DATE: 2001-11-20
 ; NUMBER OF SEQ ID NOS: 137
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 16
 ; LENGTH: 701
 ; TYPE: PRT
 ; ORGANISM: Leishmania amozonensis
 US-09-991-496-16

Query Match 32.3%; Score 52; DB 10; Length 701;
 Best Local Similarity 38.5%; Pred. No. 50;
 Matches 10; Conservative 6; Mismatches 10; Indels 0; Gaps 0;

QY 1 TLTHITITKLNAENNATFYFKIDNVKK 26
 DB 448 TLKDYVTRMKAEQNSIYITGDSKKK 473

RESULT 8
 US-10-316-253-84
 ; Sequence 84, Application US/10316253
 ; Publication No. US20030162706A1
 ; GENERAL INFORMATION:
 ; APPLICANT: The Procter & Gamble Company
 ; APPLICANT: Peters, Kevin
 ; APPLICANT: Thompson, Larry
 ; APPLICANT: Wang, Feng
 ; APPLICANT: Greis, Kenneth
 ; TITLE OF INVENTION: Angiogenesis Modulating Proteins
 ; FILE REFERENCE: 8865M
 ; CURRENT APPLICATION NUMBER: US/10/316,253
 ; CURRENT FILING DATE: 2002-12-10
 ; PRIOR APPLICATION NUMBER: US 60/355,295
 ; PRIOR FILING DATE: 2002-02-08
 ; NUMBER OF SEQ ID NOS: 308
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 84
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Rattus norvegicus
 US-10-316-253-84

Query Match 30.7%; Score 49.5; DB 12; Length 352;
 Best Local Similarity 35.7%; Pred. No. 52;
 Matches 10; Conservative 7; Mismatches 10; Indels 1; Gaps 1;

QY 1 TLTHITITKLNAENNATFYFKIDNVKKAR 28
 DB 163 TVKTALAFNAQNNGT-YFKLVEISRAQ 189

RESULT 9
 US-10-316-253-86
 ; Sequence 86, Application US/10316253
 ; Publication No. US20030162706A1
 ; GENERAL INFORMATION:
 ; APPLICANT: The Procter & Gamble Company
 ; APPLICANT: Peters, Kevin
 ; APPLICANT: Thompson, Larry
 ; APPLICANT: Wang, Feng
 ; APPLICANT: Greis, Kenneth
 ; TITLE OF INVENTION: Angiogenesis Modulating Proteins
 ; FILE REFERENCE: 8865M
 ; CURRENT APPLICATION NUMBER: US/10/316,253
 ; CURRENT FILING DATE: 2002-12-10
 ; PRIOR APPLICATION NUMBER: US 60/355,295
 ; PRIOR FILING DATE: 2002-02-08
 ; NUMBER OF SEQ ID NOS: 308
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 86
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Rattus norvegicus
 US-10-316-253-86

Query Match 30.7%; Score 49.5; DB 12; Length 352;
 Best Local Similarity 35.7%; Pred. No. 52;
 Matches 10; Conservative 7; Mismatches 10; Indels 1; Gaps 1;

QY 1 TLTHITITKLNAENNATFYFKIDNVKKAR 28
 DB 163 TVKTALAFNAQNNGT-YFKLVEISRAQ 189

RESULT 10
 US-10-078-958-25
 ; Sequence 25, Application US/10078958
 ; Publication No. US20030070185A1
 ; GENERAL INFORMATION:
 ; APPLICANT: JAKOBOVITS, AYA
 ; APPLICANT: KUCHERLAPATI, RAJU
 ; APPLICANT: KLAPHOLZ, SUSAN
 ; APPLICANT: MENDEZ, MICHAEL J.
 ; APPLICANT: GREEN, LARRY
 ; TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN Ig LOCI INCLUDING
 ; TITLE OF INVENTION: PLURAL VH AND VK REGIONS AND ANTIBODIES PRODUCED
 ; FILE REFERENCE: CELL 4.18 CON
 ; CURRENT APPLICATION NUMBER: US/10/078,958
 ; CURRENT FILING DATE: 2002-02-19
 ; PRIOR APPLICATION NUMBER: 08/759,620
 ; PRIOR FILING DATE: 1996-12-03
 ; NUMBER OF SEQ ID NOS: 79
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 25
 ; LENGTH: 75
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-078-958-25

Query Match 29.8%; Score 48; DB 15; Length 75;
 Best Local Similarity 45.5%; Pred. No. 15;
 Matches 10; Conservative 5; Mismatches 7; Indels 0; Gaps 0;

QY 3 THTITKLNAENNATFYFKIDNV 24
 DB 53 TTTISLQPEDIATYTCQDNL 74

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RESULT 11
US-10-078-958-10
; Sequence 10, Application US/10078958
; Publication No. US20030070185A1
; GENERAL INFORMATION:
; APPLICANT: JAKOBOVITS, AYA
; APPLICANT: KUCHERLAPATI, RAJU
; APPLICANT: KLAPHOLZ, SUSAN
; APPLICANT: MENDEZ, MICHAEL J.
; APPLICANT: GREEN, LARRY
; TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN Ig LOCI INCLUDING
; TITLE OF INVENTION: PLURAL Vh AND Vh REGIONS AND ANTIBODIES PRODUCED
; TITLE OF INVENTION: THEREFROM
; FILE REFERENCE: CELL 4.18 CON
; CURRENT APPLICATION NUMBER: US/10/078,958
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: 08/759,620
; PRIOR FILING DATE: 1996-12-03
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 76
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-078-958-10

Query Match      29.8%; Score 48; DB 15; Length 76;
Best Local Similarity 45.5%; Pred. No. 15;
Matches 10; Conservative 5; Mismatches 7; Indels 7; Gaps 0;

QY 3 THITKLNAENNAATFFFKIDNV 24
| || | | | : || | : || :
Db 54 TETISSLOPEDIATYVCQDNL 75

RESULT 12
US-10-078-958-12
; Sequence 12, Application US/10078958
; Publication No. US20030070185A1
; GENERAL INFORMATION:
; APPLICANT: JAKOBOVITS, AYA
; APPLICANT: KUCHERLAPATI, RAJU
; APPLICANT: KLAPHOLZ, SUSAN
; APPLICANT: MENDEZ, MICHAEL J.
; APPLICANT: GREEN, LARRY
; TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN Ig LOCI INCLUDING
; TITLE OF INVENTION: PLURAL Vh AND Vh REGIONS AND ANTIBODIES PRODUCED
; TITLE OF INVENTION: THEREFROM
; FILE REFERENCE: CELL 4.18 CON
; CURRENT APPLICATION NUMBER: US/10/078,958
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: 08/759,620
; PRIOR FILING DATE: 1996-12-03
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-078-958-12

Query Match      29.8%; Score 48; DB 15; Length 105;
Best Local Similarity 45.5%; Pred. No. 22;
Matches 10; Conservative 5; Mismatches 7; Indels 7; Gaps 0;

QY 3 THITKLNAENNAATFFFKIDNV 24
| || | | | : || | : || :
Db 54 TETISSLOPEDIATYVCQDNL 75

RESULT 13
US-10-012-140-28
; Sequence 28, Application US/10012140

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; Publication No. US20030009017A1
; GENERAL INFORMATION:
; APPLICANT: Leiby, Kevin R.
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Glucksmann, Maria A.
; TITLE OF INVENTION: 38650, 28472, 5495, 65507, 81588, AND
; TITLE OF INVENTION: 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 381552004900
; CURRENT APPLICATION NUMBER: US/10/012,140
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: 60/246,768
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,772
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,185
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus amino acid sequence
US-10-012-140-28

Query Match      29.8%; Score 48; DB 15; Length 113;
Best Local Similarity 37.5%; Pred. No. 24;
Matches 12; Conservative 5; Mismatches 11; Indels 4; Gaps 1;

QY 3 THITKL----NAENNAATFFFKIDNVKKARVQ 30
| || | | | : | | : | | :
Db 66 THYITSLFCLINSANPIYFFVGVSSKKRLK 97

RESULT 14
US-10-329-428-2
; Sequence 2, Application US/10329428
; Publication No. US20030114646A1
; GENERAL INFORMATION:
; APPLICANT: Li, et al.
; TITLE OF INVENTION: Human Cystatin F
; FILE REFERENCE: PF265P1D2
; CURRENT APPLICATION NUMBER: US/10/329,428
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: 60/014,795
; PRIOR FILING DATE: 1996-04-03
; PRIOR APPLICATION NUMBER: 08/832,535
; PRIOR FILING DATE: 1997-04-03
; PRIOR APPLICATION NUMBER: 09/019,485
; PRIOR FILING DATE: 1998-01-29
; PRIOR APPLICATION NUMBER: 09/528,436
; PRIOR FILING DATE: 2000-03-17
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-329-428-2

Query Match      29.8%; Score 48; DB 15; Length 145;
Best Local Similarity 34.5%; Pred. No. 31;
Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;

QY 4 HTITKLNAENNAATFFFKIDNVKKARVQV 32
| : | | | | : | | : | | :
Db 55 YSVEKENNCTNDMELEKESRITRALVQIV 83

RESULT 15
US-09-746-783-197

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; Sequence 197, Application US/09746783
; Publication NO. US20030044935A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; McCoy, John M.
; LaVallie, Edward R.
; Racie, Lisa A.
; Treacy, Maurice
; Spaulding, Vikki
; Agostino, Michael J.
; Howes, Steven H.
; Fecthel, Kim
;
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
; ENCODING THEM
;
; NUMBER OF SEQUENCES: 231
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02140
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/746,783
; FILING DATE: 21-Dec-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Milasincic, Debra J.
; REGISTRATION NUMBER: 46,931
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 167 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 197:
US-09-746-783-197

Query Match      29.8%; Score 48; DB 11; Length 167;
Best Local Similarity 34.5%; Pred. No. 37;
Matches 10; Conservative 6; Mismatches 13; Indels 0; Gaps 0;

QY      4 HTITKLNAENNATEYFKIDNVKKARQVV 32
Db      77 YSVERFNCTNDMFLFKESRITRALVQIV 105

Search completed: September 25, 2003, 12:25:09
Job time : 26.7778 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 25, 2003, 12:05:32 ; Search time 10.2778 Seconds
(without alignments)
82.335 Million cell updates/sec

Title: SEQ2-SEQ1

Perfect score: 105

Sequence: 1 TLTHITITKLNAENNAIFYFK 20

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*

- 1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/1aa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	105	100.0	117	1 US-08-193-114B-1	Sequence 1, Appli
2	105	100.0	117	5 PCT-US92-06809-1	Sequence 1, Appli
3	46	43.8	126	3 US-08-751-359-11	Sequence 11, Appl
4	46	43.8	126	4 US-08-907-146-11	Sequence 11, Appl
5	46	43.8	128	1 US-08-259-372A-14	Sequence 14, Appl
6	46	43.8	128	1 US-08-468-671-14	Sequence 14, Appl
7	45	42.9	103	4 US-09-615-192A-398	Sequence 398, App
8	43	41.0	47	1 US-08-415-751-12	Sequence 12, Appl
9	42.5	40.5	400	4 US-09-390-234-19	Sequence 19, Appl
10	42.5	40.5	400	4 US-09-390-234-22	Sequence 22, Appl
11	42	40.0	503	4 US-09-252-991A-27156	Sequence 27156, A
12	42	40.0	644	4 US-09-198-452A-822	Sequence 822, App
13	42	40.0	701	2 US-08-533-669A-16	Sequence 16, Appl
14	42	40.0	701	4 US-09-183-861-16	Sequence 16, Appl
15	42	40.0	701	4 US-09-022-765-16	Sequence 16, Appl
16	42	40.0	701	4 US-09-551-974A-16	Sequence 16, Appl
17	41.5	39.5	238	4 US-09-328-352-5904	Sequence 5904, Ap
18	41.5	39.5	899	1 US-08-365-689-2	Sequence 2, Appli
19	41.5	39.5	899	1 US-08-145-138A-2	Sequence 2, Appli
20	41.5	39.5	933	1 US-07-747-781-2	Sequence 2, Appli
21	41.5	39.5	933	5 PCT-US92-06888-2	Sequence 2, Appli
22	41	39.0	32	1 US-07-946-421-17	Sequence 17, Appl
23	41	39.0	105	3 US-08-434-000A-12	Sequence 12, Appl
24	41	39.0	105	4 US-09-312-157-12	Sequence 12, Appl
25	41	39.0	106	1 US-07-634-278-1	Sequence 1, Appli
26	41	39.0	106	1 US-07-634-278-16	Sequence 16, Appl
27	41	39.0	106	1 US-07-634-278-58	Sequence 58, Appl

28	41	39.0	106	1 US-08-477-728-1	Sequence 1, Appli
29	41	39.0	106	1 US-08-477-728-16	Sequence 16, Appl
30	41	39.0	106	1 US-08-477-728-58	Sequence 58, Appl
31	41	39.0	106	1 US-08-474-040-1	Sequence 1, Appli
32	41	39.0	106	1 US-08-474-040-16	Sequence 16, Appl
33	41	39.0	106	1 US-08-474-040-58	Sequence 58, Appl
34	41	39.0	106	1 US-08-487-200-1	Sequence 1, Appli
35	41	39.0	106	1 US-08-487-200-16	Sequence 16, Appl
36	41	39.0	106	1 US-08-487-200-58	Sequence 58, Appl
37	41	39.0	106	1 US-08-488-113B-163	Sequence 163, App
38	41	39.0	106	1 US-08-477-484B-163	Sequence 163, App
39	41	39.0	106	1 US-08-107-669D-49	Sequence 49, Appl
40	41	39.0	106	1 US-08-472-788A-83	Sequence 83, Appl
41	41	39.0	106	2 US-08-477-531B-49	Sequence 49, Appl
42	41	39.0	106	2 US-08-646-360-163	Sequence 163, App
43	41	39.0	106	2 US-08-082-842A-83	Sequence 83, Appl
44	41	39.0	106	2 US-08-839-765-163	Sequence 163, App
45	41	39.0	106	3 US-09-136-389-163	Sequence 163, App

ALIGNMENTS

RESULT 1
US-08-193-114B-1
; Sequence 1, Application US/08193114B
; Patent No. 5472945
; GENERAL INFORMATION:
; APPLICANT: Schmaier, Alvin H.
; TITLE OF INVENTION: Modulation of Blood
; TITLE OF INVENTION: Pressure and Inhibition of Platelet Activation
; TITLE OF INVENTION: With Kininogen Fragment
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seidel, Gonda, Lavorigna &
; STREET: 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,114B
; FILING DATE: 9 February 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Application
; APPLICATION NUMBER: Serial No. 5472945 07/744,545
; FILING DATE: 13 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-137 CII
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5472945e
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: peptide
; TOPOLOGY: linear
US-08-193-114B-1

Query Match 100.0%; Score 105; DB 1; Length 117;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLTHTTITKLNAENNATFYFK 20
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 Db 18 TLTHTTITKLNAENNATFYFK 37

RESULT 2

PCT-US92-06809-1
 ; Sequence 1, Application PC/TUS9206809
 ; GENERAL INFORMATION:
 ; APPLICANT: Schmaier, Alvin H.
 ; APPLICANT: Jiang, Yongping
 ; TITLE OF INVENTION: Modulation of Blood
 ; TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
 ; NUMBER OF SEQUENCES: 2
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Temple University - of the
 ; ADDRESSEE: Commonwealth System of Higher Education
 ; STREET: 406 University Services
 ; STREET: Building
 ; CITY: Philadelphia
 ; STATE: Pennsylvania
 ; COUNTRY: U.S.A.
 ; ZIP: 19122
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: MS-DOS
 ; SOFTWARE: WordPerfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US92/06809
 ; FILING DATE: 19910813
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: U.S. Application
 ; APPLICATION NUMBER: Serial No. 744,545
 ; FILING DATE: 13 August 1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Monaco, Daniel A.
 ; REGISTRATION NUMBER: 30,480
 ; REFERENCE/DOCKET NUMBER: 6056-137
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 568-8383
 ; TELEFAX: (215) 568-5549
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 117 amino acids
 ; TYPE: AMINO ACID
 ; TOPOLOGY: linear
 ; PCT-US92-06809-1

Query Match 100.0%; Score 105; DB 5; Length 117;
 Best Local Similarity 100.0%; Pred. No. 2.3e-08;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLTHTTITKLNAENNATFYFK 20
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 Db 18 TLTHTTITKLNAENNATFYFK 37

RESULT 3

US-08-751-359-11
 ; Sequence 11, Application US/08751359
 ; Patent No. 6143559
 ; GENERAL INFORMATION:
 ; APPLICANT: Michael, Nancy M
 ; APPLICANT: Accavitti, Marianne
 ; APPLICANT: Thompson, Craig B
 ; TITLE OF INVENTION: METHODS FOR THE PRODUCTION OF CHICKEN
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
 ; NUMBER OF SEQUENCES: 25
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee
 ; STREET: P.O. Box 4433
 ; CITY: Houston
 ; STATE: Texas
 ; COUNTRY: USA
 ; ZIP: 77210
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/751,359
 ; FILING DATE: Concurrently Herewith
 ; CLASSIFICATION: 510
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Highlander, Steven L
 ; REGISTRATION NUMBER: 37,642
 ; REFERENCE/DOCKET NUMBER: ARSB:504
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 512/418-3000
 ; TELEFAX: 512/474-7577
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 126 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS:
 ; TOPOLOGY: linear
 ; US-08-751-359-11

Query Match 43.8%; Score 46; DB 3; Length 126;
 Best Local Similarity 50.0%; Pred. No. 10;
 Matches 9; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY 1 TLTHTTITKLNAENNATFY 18
 | | | | | : | : | : | : |
 Db 86 TATLTITGVRADNAVY 103

RESULT 4

US-08-907-146-11
 ; Sequence 11, Application US/08907146
 ; Patent No. 6316600
 ; GENERAL INFORMATION:
 ; APPLICANT: Michael, Nancy M
 ; APPLICANT: Accavitti, Marianne
 ; APPLICANT: Thompson, Craig B
 ; TITLE OF INVENTION: METHODS FOR THE PRODUCTION OF CHICKEN
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
 ; NUMBER OF SEQUENCES: 25
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Arnold, White & Durkee
 ; STREET: P.O. Box 4433
 ; CITY: Houston
 ; STATE: Texas
 ; COUNTRY: USA
 ; ZIP: 77210
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/907,146
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/751,359
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Highlander, Steven L
 ; REGISTRATION NUMBER: 37,642
 ; REFERENCE/DOCKET NUMBER: ARSB:504


```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-907-146-11

Query Match 43.8%; Score 46; DB 4; Length 126;
Best Local Similarity 50.0%; Pred. No. 10;
Matches 9; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY 1 TLTHITITKLNNAENATFY 18
DB 86 TATLTITGVRADNAVY 103

RESULT 5
US-08-259-372A-14
; Sequence 14, Application US/08259372A
; Patent No. 5565354
; GENERAL INFORMATION:
; APPLICANT: Ostberg, Lars G.
; TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/259,372A
; FILING DATE: 14-JUN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/871,426
; FILING DATE: 21-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,036
; FILING DATE: 27-MAR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/538,796
; FILING DATE: 15-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/192,754
; FILING DATE: 11-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/925,196
; FILING DATE: 31-OCT-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/904,517
; FILING DATE: 05-SEP-1986
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-50-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 128 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-468-671-14

;
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-259-372A-14

Query Match 43.8%; Score 46; DB 1; Length 128;
Best Local Similarity 62.5%; Pred. No. 10;
Matches 10; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 THTITKLNNAENATFY 18
DB 92 TLTITSLQAEFATY 107

RESULT 6
US-08-468-671-14
; Sequence 14, Application US/08468671
; Patent No. 5648077
; GENERAL INFORMATION:
; APPLICANT: Ostberg, Lars G.
; TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/468,671
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/259,372
; FILING DATE: 14-JUN-1994
; APPLICATION NUMBER: US 07/871,426
; FILING DATE: 21-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,036
; FILING DATE: 27-MAR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/538,796
; FILING DATE: 15-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/192,754
; FILING DATE: 11-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/925,196
; FILING DATE: 31-OCT-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/904,517
; FILING DATE: 05-SEP-1986
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-50-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 128 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-468-671-14
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; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 5.1

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RESULT 10
US-09-390-234-22

; Sequence 22, Application US/09390234
 ; Patent No. 6365390
 ; GENERAL INFORMATION:
 ; APPLICANT: Blum, David L.
 ; APPLICANT: Kataeva, Irina
 ; APPLICANT: Li, Xin-Liang
 ; APPLICANT: Ljungdahl, Lars G.
 ; TITLE OF INVENTION: Phenolic Acid Esterases, Coding Sequences and Methods
 ; FILE REFERENCE: 67-98
 ; CURRENT APPLICATION NUMBER: US/09/390,234
 ; CURRENT FILING DATE: 1999-09-03
 ; EARLIER APPLICATION NUMBER: US 60/099,136
 ; EARLIER FILING DATE: 1998-09-04
 ; NUMBER OF SEQ ID NOS: 24
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 22
 ; LENGTH: 400
 ; TYPE: PRT
 ; ORGANISM: Escherichia coli
 US-09-390-234-22

Query Match 40.5%; Score 42.5; DB 4; Length 400;
 Best Local Similarity 53.3%; Pred. No. 1.2e+02;
 Matches 8; Conservative 5; Mismatches 1; Indels 1; Gaps 1;

QY 6 ITKLNNAATF-YF 19
 :|::||::||::||
 Db 51 VTQVADNSVTFRYP 65

RESULT 11
 US-09-252-991A-27156
 ; Sequence 27156, Application US/09252991A
 ; Patent No. 6551795
 ; GENERAL INFORMATION:
 ; APPLICANT: Marc J. Rubenfield et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 ; FILE REFERENCE: 107196.136
 ; CURRENT APPLICATION NUMBER: US/09/252,991A
 ; CURRENT FILING DATE: 1999-02-18
 ; PRIOR APPLICATION NUMBER: US 60/074,788
 ; PRIOR FILING DATE: 1998-02-18
 ; PRIOR APPLICATION NUMBER: US 60/094,190
 ; PRIOR FILING DATE: 1998-07-27
 ; NUMBER OF SEQ ID NOS: 33142
 ; SEQ ID NO 27156
 ; LENGTH: 503
 ; TYPE: PRT
 ; ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-27156

Query Match 40.0%; Score 42; DB 4; Length 503;
 Best Local Similarity 50.0%; Pred. No. 1.8e+02;
 Matches 7; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 4 HTITKLNAENNAATF 17
 |::||::||::||
 Db 186 HVITRINAYHGSTF 199

RESULT 12
 US-09-198-452A-822
 ; Sequence 822, Application US/09198452A
 ; Patent No. 6559294
 ; GENERAL INFORMATION:
 ; APPLICANT: Grifffais, R.
 ; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
 ; FILE REFERENCE: 9710-003-999
 ; CURRENT APPLICATION NUMBER: US/09/198,452A
 ; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849
 ; SEQ ID NO 822
 ; LENGTH: 644
 ; TYPE: PRT
 ; ORGANISM: Chlamydia pneumoniae
 US-09-198-452A-822

Query Match 40.0%; Score 42; DB 4; Length 644;
 Best Local Similarity 52.9%; Pred. No. 2.3e+02;
 Matches 9; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 2 LTHTTITKLNAENNAATF 18
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 Db 101 LRSSINLLNRENNFTIY 117

RESULT 13
 US-08-533-669A-16
 ; Sequence 16, Application US/08533669A
 ; Patent No. 5834592
 ; GENERAL INFORMATION:
 ; APPLICANT: Corixa Corporation
 ; TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE THERAPY AND DIAGNOSIS OF LEISHMANIASIS
 ; NUMBER OF SEQUENCES: 18
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: SEED and BERRY LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/533,669A
 ; FILING DATE: 22-SEP-1995
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Maki, David J.
 ; REGISTRATION NUMBER: 31,392
 ; REFERENCE/DOCKET NUMBER: 210121.420
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 701 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS:
 ; TOPOLOGY: linear
 US-08-533-669A-16

Query Match 40.0%; Score 42; DB 2; Length 701;
 Best Local Similarity 38.9%; Pred. No. 2.5e+02;
 Matches 7; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY 1 TLTHTTITKLNAENNAATF 18
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 Db 448 TLKDYVTRMKAEQNSIYY 465

RESULT 14
 US-09-183-861-16
 ; Sequence 16, Application US/09183861
 ; Patent No. 6365165
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Steven G.
 ; APPLICANT: Campos-Neto, Antonio
 ; APPLICANT: Webb, John R.

```
;
; APPLICANT: Dillon, Davin C.
; APPLICANT: Skeiky, Yasir A.W.
; TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USEIN THE THERAPY AND
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/183,861
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/022,765
; FILING DATE: 12-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.420C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 16:
; * SEQUENCE CHARACTERISTICS:
; LENGTH: 701 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
;
US-09-183-861-16

Query Match 40.0%; Score 42; DB 4; Length 701;
Best Local Similarity 38.9%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY 1 TLTHTTTKLNAENNATFY 18
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Db 448 TLKDYVTRMKAQNSIYY 465

RESULT 15
US-09-022-765-16
; Sequence 16, Application US/09022765
; Patent No. 6375955
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Campos-Neto, Antonio
; APPLICANT: Webb, John R.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Skeiky, Yasir A.W.
; TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USEIN THE THERAPY AND
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/022,765
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; FILING DATE: 12-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.420C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 16:
; * SEQUENCE CHARACTERISTICS:
; LENGTH: 701 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
;
US-09-022-765-16

Query Match 40.0%; Score 42; DB 4; Length 701;
Best Local Similarity 38.9%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY 1 TLTHTTTKLNAENNATFY 18
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Db 448 TLKDYVTRMKAQNSIYY 465

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GenCore version 5.1.6
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OM protein - protein search, using sw model

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(without alignments)
187.829 Million cell updates/sec

Title: SEQ2-SEQ1

Perfect score: 105

Sequence: 1 TLTHITITKLNAENNAFFYFK 20

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 566894

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	105	100.0	427	11	US-09-919-039-29
2	61	58.1	424	12	US-10-316-253-217
3	60	57.1	430	12	US-10-316-253-215
4	45	42.9	17	9	US-09-383-387-2
5	45	42.9	95	15	US-10-194-975-93
6	45	42.9	102	9	US-09-864-761-48570
7	45	42.9	103	16	US-10-174-693-398
8	45	42.9	107	15	US-10-091-300-37
9	44	41.9	107	10	US-09-144-886-75
10	43	41.0	108	15	US-10-083-424-30
11	43	41.0	108	15	US-10-269-805-56
12	43	41.0	111	15	US-10-199-908-4
13	43	41.0	118	9	US-09-811-737-4
14	43	41.0	253	9	US-09-811-737-18
15	43	41.0	255	9	US-09-811-737-15

16	43	41.0	262	9	US-09-811-737-19
17	43	41.0	498	15	US-10-083-357-1290
18	42.5	40.5	866	15	US-10-081-872-204
19	42	40.0	88	9	US-09-905-243-30
20	42	40.0	95	15	US-10-194-975-91
21	42	40.0	95	15	US-10-153-382-34
22	42	40.0	96	15	US-10-138-727A-10
23	42	40.0	106	12	US-10-138-727A-11
24	42	40.0	106	12	US-10-138-727A-12
25	42	40.0	106	12	US-10-138-727A-13
26	42	40.0	106	12	US-10-138-727A-14
27	42	40.0	106	12	US-10-138-727A-15
28	42	40.0	106	12	US-10-310-719-34
29	42	40.0	106	12	US-10-153-382-35
30	42	40.0	155	15	US-09-891-138A-2
31	42	40.0	317	11	US-09-891-138A-2
32	42	40.0	616	12	US-10-251-661-12
33	42	40.0	701	9	US-09-874-923-16
34	42	40.0	701	10	US-09-991-496-16
35	42	40.0	753	9	US-09-815-242-10181
36	41	39.0	88	9	US-09-905-243-34
37	41	39.0	92	14	US-10-032-482-4
38	41	39.0	105	10	US-09-982-107-12
39	41	39.0	106	8	US-08-844-215-13
40	41	39.0	106	9	US-09-976-787-24
41	41	39.0	106	10	US-09-865-198-23
42	41	39.0	106	11	US-09-798-689-8
43	41	39.0	106	12	US-10-127-890-163
44	41	39.0	107	10	US-09-144-886-78
45	41	39.0	107	10	US-09-144-886-88

ALIGNMENTS

RESULT 1

US-09-919-039-29
; Sequence 29, Application US/09919039
; Publication No. US20030108871A1
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 29
; LENGTH: 427
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29

Query Match 100.0%; Score 105; DB 11; Length 427;
Best Local Similarity 100.0%; Pred. No. 8.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLTHITITKLNAENNAFFYFK 20
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DB 281 TLTHITITKLNAENNAFFYFK 300

RESULT 2

US-10-316-253-217
; Sequence 217, Application US/10316253
; Publication No. US20030162706A1
; GENERAL INFORMATION:
; APPLICANT: The Procter & Gamble Company

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RESULT 4
US-09-383-387-2
: Sequence 2, Application US/09383387
: Patent No. US20020071850A1
: GENERAL INFORMATION:
: APPLICANT: SMITH, Christopher John
: APPLICANT: CLANCY, Robert Liawellyn
: APPLICANT: CRIPPS, Allan William
: TITLE OF INVENTION: HELICOBACTER PYLORI ANTIGEN
: FILE REFERENCE: 030357/0119
: CURRENT APPLICATION NUMBER: US/09/383,387
: CURRENT FILING DATE: 1999-08-26
: PRIOR APPLICATION NUMBER: US/09/165,895

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/ CURRENT INVENTION: HUMAN GENOME-DERIVED
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/ APPLICANT: Penn, Sharton G.
/
/ APPLICANT: Rank, David R.
/
/ APPLICANT: Hanzel, David K.
/
/ APPLICANT: Chen, Wensheng
/
/ TITLE OF INVENTION: HUMAN GENOME-DERIVED
/
/ TITLE OF INVENTION: GENE EXPRESSION ANAL
/
/ FILE REFERENCE: Aecomica-x-1
/
/ CURRENT APPLICATION NUMBER: US 09/864,761
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/ CURRENT FILING DATE: 2001-05-23
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/ PRIOR APPLICATION NUMBER: US 60/180,312
/
/ PRIOR FILING DATE: 2000-02-04
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/ PRIOR APPLICATION NUMBER: US 60/207,456
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/ PRIOR FILING DATE: 2000-05-26
/
/ PRIOR APPLICATION NUMBER: US 09/632,366
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/ PRIOR FILING DATE: 2000-08-03
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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 48570
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AP001242.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.4
; OTHER INFORMATION: EST_HUMAN HIT: AW378342.1, EVALUE 1.00e-27
; OTHER INFORMATION: SWISSPROT HIT: P01605, EVALUE 2.00e-27
US-09-864-761-48570

Query Match 42.9% Score 45; DB 9; Length 102;
Best Local Similarity 56.2%; Pred. No. 16;
Matches 9; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 3 THTITKLNAENNATFY 18
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Db 56 TTTTSSLEAEDAATY 71

RESULT 7
US-10-174-693-398
; Sequence 398, Application US/10174693
; Publication No. US20030131373A1
; GENERAL INFORMATION:
; APPLICANT: Bloksberg, Leonard N.
; APPLICANT: Havukkala, Ilkka
; TITLE OF INVENTION: Materials and Methods for the
; TITLE OF INVENTION: Modification of Plant Lignin Content
; FILE REFERENCE: 11000.1003e5
; CURRENT APPLICATION NUMBER: US/10/174,693
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 08/975,316
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 08/713,000
; PRIOR FILING DATE: 1996-09-11
; PRIOR APPLICATION NUMBER: US 09/169,789
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: US 09/615,192
; PRIOR FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 407

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 398
; LENGTH: 103
; TYPE: PRT
; ORGANISM: Pinus radiata
US-10-174-693-398

Query Match 42.9% Score 45; DB 16; Length 103;
Best Local Similarity 47.1%; Pred. No. 16;
Matches 8; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY 4 HTITKLNAENNATFYFK 20
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Db 34 HTYKRLNGQLSSTFYAK 50

RESULT 8
US-10-091-300-37
; Sequence 37, Application US/10091300
; Publication No. US20030108545A1
; GENERAL INFORMATION:
; APPLICANT: Rockwell, Patricia
; APPLICANT: Goldstein, Neil I.
; TITLE OF INVENTION: Combination Methods of Inhibiting Tumor Growth With a Vascula
; TITLE OF INVENTION: Endothelial Growth Factor Receptor Antagonist
; FILE REFERENCE: 11245/46211
; CURRENT APPLICATION NUMBER: US/10/091,300
; CURRENT FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: WordPerfect 8.0 for Windows
; SEQ ID NO 37
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Human
US-10-091-300-37

Query Match 42.9% Score 45; DB 15; Length 107;
Best Local Similarity 56.2%; Pred. No. 17;
Matches 9; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 3 THTITKLNAENNATFY 18
| | | | | | | | | |
Db 72 TLTITSLQPEDSATY 87

RESULT 9
US-09-144-886-75
; Sequence 75, Application US/09144886
; Patent No. US20020155114A1
; GENERAL INFORMATION:
; APPLICANT: Marks, James D
; APPLICANT: Amersdorfer, Peter
; TITLE OF INVENTION: Therapeutic Monoclonal Antibodies That Neutralize
; TITLE OF INVENTION: Botulinum Neurotoxins
; FILE REFERENCE: 2500.1170SO
; CURRENT APPLICATION NUMBER: US/09/144,886
; CURRENT FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 75
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: BONT/A clone
; OTHER INFORMATION: C15 region VL epitope 1
US-09-144-886-75

Query Match 41.9% Score 44; DB 10; Length 107;
Best Local Similarity 50.0%; Pred. No. 24;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 TITKLNAENNATFY 18

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RESULT 15
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; Sequence 15, Application US/09811737
; Patent No. US2002009180A1
; GENERAL INFORMATION:
; APPLICANT: Boehringer Ingelheim Pharma KG
; TITLE OF INVENTION: Human FAP-alpha-specific antibodies
; FILE REFERENCE: 1-1129
; CURRENT APPLICATION NUMBER: US/09/811,737
; CURRENT FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-811-737-15

Query Match 41.0%; Score 43; DB 9; Length 255;
Best Local Similarity 56.2%; Pred. No. 86;
Matches 9; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

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Db 209 TLTITSLQSEDFATYY 224

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